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May 19, 2014

Ms. Denise Tsuji  
Department of Toxic Substances Control  
700 Heinz Avenue, Building F, Suite 200  
Berkeley, CA 94710-2721

Subject: Transmittal of Basewide Report of Compliance  
1999 Consent Agreement and  
Request for Acknowledgment of Satisfaction  
Presidio of San Francisco, California

Dear Ms. Tsuji:

Attached is the final *Basewide Report of Compliance, 1999 Consent Agreement, Presidio Trust (Trust), Department of the Interior, National Park Service (DOI) and the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), Presidio of San Francisco, California*. This report documents Presidio Trust (Trust) compliance with the requirements of the 1999 Consent Agreement and references key reports and DTSC approvals that demonstrate remedial actions for sites listed in the Consent Agreement are complete. Based on the remedial actions implemented, the Trust requests the DTSC issue an Acknowledgement of Satisfaction per Article 8.22 of the Consent Agreement. A copy of the Acknowledgement, signed by the Trust and National Park Service, was sent to you under separate cover.

Completing the work under the Consent Agreement was a significant task that could not have been accomplished without the support of DTSC. I especially thank you for your dedication in working with the Trust to ensure that this complex cleanup was completed in a timely fashion and, more importantly, to a standard reflective of the Presidio's continued use as a national park and public asset.

I look forward to receiving a copy of the fully executed Acknowledgment and to our continuing work under the O&M and future voluntary cleanup agreements. Please contact me at (415) 561-4259 if I can provide any additional information. Thank you again for your support.

Sincerely,

A handwritten signature in blue ink that reads "Eileen Fanelli".

Eileen Fanelli  
Environmental Remediation Program Manager

cc. Brian Ullensvang, NPS  
Bruce Handel, USCOE

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## **Basewide Report of Compliance**

1999 Consent Agreement

Presidio Trust (Trust), Department of the Interior, National Park Service (DOI), and California Environmental Protection Agency  
Department of Toxic Substances Control (DTSC)  
Presidio of San Francisco, California

*Prepared for:*

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May 2014

Project No. OD13165420

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**BASEWIDE REPORT OF COMPLIANCE**

1999 Consent Agreement

Presidio Trust (Trust), Department of the Interior,

National Park Service (DOI), and California

Environmental Protection Agency Department of  
Toxic Substances Control (DTSC)

Presidio of San Francisco, California

May 2014

Project No. OD13165420

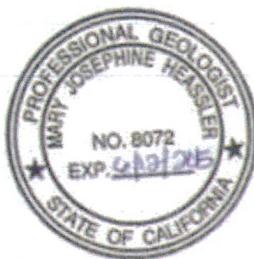
This report was prepared by the staff of AMEC under the supervision of the Engineer(s) and/or Geologist(s) whose seal(s) and signature(s) appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

*Margaret Stemper*

Margaret Stemper

Senior Engineering Professional



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## ACRONYMS AND ABBREVIATIONS

AMEC	AMEC Environment & Infrastructure, Inc.
Army	United States Department of the Army
BRAC	Base Realignment and Closure
CCR	Construction Completion Report
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQA	California Environmental Quality Act
CAP	Corrective Action Plan
DEH	Directorate of Engineering and Housing
DOI	Department of the Interior, National Park Service (also known as NPS)
DOT	Department of Transportation
DTSC	California Environmental Protection Agency, Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
FS	Feasibility Study
GGNRA	Golden Gate National Recreational Area
GMPA	General Management Plan Amendment
H&SC	Health and Safety Code
IC	institutional control
IS	Initial Study
LUC	land use control
LUCMRR	Land Use Control Master Reference Report
MOA	Memorandum of Agreement
NCP	National Contingency Plan
NPS	National Park Service
O&M	operations and maintenance
OU	Operable Unit
PHSH	Public Health Service Hospital
POTW	publicly owned treatment works
Presidio	Presidio of San Francisco
PTMP	Presidio Trust Management Plan
RA	removal action
RAB	Restoration Advisory Board
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
ROD	Record of Decision
Trust	Presidio Trust
VCA	Voluntary Cleanup Agreement
VMP	Vegetation Management Plan
Water Board	California Regional Water Quality Control Board

## **BASEWIDE REPORT OF COMPLIANCE 1999 CONSENT AGREEMENT**

Presidio Trust (Trust), Department of the Interior, National Park Service (DOI), and California Environmental Protection Agency, Department of Toxic Substances Control (DTSC)  
Presidio of San Francisco, California

### **1.0 INTRODUCTION**

#### **1.1 PURPOSE AND SCOPE OF WORK**

This Basewide Report of Compliance (Basewide Report) has been prepared by AMEC Environment and Infrastructure, Inc. (AMEC) on behalf of the Presidio Trust (Trust) to document compliance with the requirements of the 1999 Consent Agreement among the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), the Trust, and the Department of the Interior (DOI), National Park Service (NPS) (DTSC, Trust, NPS, 1999). The Consent Agreement outlines actions required to complete remediation at documented waste release sites at the Presidio of San Francisco (Presidio; Figure 1). The releases occurred during the time period that the United States Department of the Army (Army) occupied and managed the Presidio.

This Basewide Report was prepared in response to DTSC's November 6, 2013 direction to prepare and submit a report summarizing previous decision documents and response actions for each operable unit (OU) listed in the Consent Agreement<sup>1</sup>. To this end, the Basewide Report documents the Trust's fulfillment of the tasks identified in the Consent Agreement, and describes and lists key reports documenting site-specific investigations, remediation, and closure activities that the Trust conducted in compliance with the Consent Agreement. The information presented in this report demonstrates that the requirements of the Consent Agreement have been met such that the DTSC can issue an Acknowledgement of Satisfaction and Termination in accordance with Section 8.22 of the Consent Agreement.

#### **1.2 OVERVIEW OF CONSENT AGREEMENT**

The Consent Agreement includes an overview of Presidio history and defines entities responsible for cleanup and management of the Presidio, which include the Trust and NPS and the Army as the predecessor agency. The Consent Agreement also outlines requirements and processes (response actions) for remediation of hazardous substances at the Presidio, consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Resource Conservation and Recovery Act (RCRA). The goals of the

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<sup>1</sup> November 6, 2013 email from Lori Koch, DTSC, to Eileen Fanelli, Presidio Trust

response actions identified in the Consent Agreement are to protect public health and environment and promote reuse of the Presidio.

Section V of the Consent Agreement outlines a Response Action Process for a list of identified hazardous substances release sites, organized by OU. The Consent Agreement identifies specific tasks to be completed at each OU (Attachment 3 of the Consent Agreement). The tasks include remedial investigations (RIs), feasibility studies (FSs), remedial action plans (RAPs) or records of decision (RODs), remedial design, and implementation of remedial actions. The Consent Agreement also requires that the Trust prepare and submit schedules for completing required tasks and to prepare quarterly reports documenting progress toward completion of those tasks.

Importantly, the Consent Agreement acknowledged that previous work completed by the Army could be relied upon as the Trust implemented the tasks for each OU. The Consent Agreement also recognized that the Trust and NPS would be proceeding with development and construction activities within the Presidio while cleanup was on-going. The Trust and NPS were allowed to proceed with planned development provided that soil and groundwater were managed in a manner protective of human health and the environment.

For sites where operations and maintenance activities (O&M) are required as a part of the remedial action, the Consent Agreement stipulates that the Trust and NPS will enter into an O&M Agreement with DTSC prior to DTSC's issuing site certification that remedial actions had been properly implemented. Additionally, the Consent Agreement allows for use of institutional controls as part of a final remedy subject to DTSC approval of the controls prior to site certification.

Section VII of the Consent Agreement describes the requirements for public participation in the cleanup process. Specifically, the Trust was required to implement the public review process specified in DTSC's Public Participation Policy and Guidance Manual. Section VIII of the Consent Agreement outlines general provisions and requirements; including requirements for project coordination and oversight, quality control and assurance, payment of DTSC costs, and for termination of the Consent Agreement.

Various provisions of the Consent Agreement are discussed in greater detail below in relation to the Trust's conformance with the Consent Agreement.

### **1.3 REPORT ORGANIZATION**

This report is organized as follows:

**Section 1.0, Introduction:** Discusses the purpose and scope of the report, including an overview of the Consent Agreement.

**Section 2.0, Background and Consent Agreement Requirements:** Briefly describes the location and history of the Presidio; describes the conversion of the Presidio to a National Park from a U.S. Army base and transfer of the environmental cleanup responsibilities for the Presidio from the Army to the Trust; describes regulatory oversight responsibilities; and, the response actions required in the Consent Agreement.

**Section 3.0, Site Response Action Compliance:** Details the work completed in conformance with the Consent Agreement.

**Section 4.0, Post-Remediation Site O&M Agreement and O&M Plan:** Describes the components of the Presidio O&M Agreement and Plan, and identifies sites with post-remediation O&M and institutional controls. This section also describes the Land Use Control Master Reference Report (LUCMRR) as the administrative vehicle for implementing Land Use Controls (LUCs) in Area B and the NPS Compendium as the administrative vehicle for LUCs in Area A.

**Section 5.0, Summary and Conclusions:** Summarizes results and conclusions of the Consent Agreement compliance assessment that documents that the Trust has met requirements of the Consent Agreement such that DTSC can issue an Acknowledgement of Satisfaction for Termination of the Consent Agreement.

**Section 6.0, References:** Presents references cited in the document.

**Tables:** Summarizes the CERCLA Program Schedule and quarterly reports (Table 1), response action activities for Presidio OUs, listed sites (Table 2), and non-listed sites (Tables 3 and 4).

**Figures:** Present the location of the Presidio, the OUs and sites listed in the Consent Agreement; additional sites (non-listed), sites where remedial construction has been completed; and sites where O&M or land use controls (LUCs) are in place.

**Appendix A, Presidio Remediation Program Schedule:** Presents the most recent update to the Presidio Remediation Program Schedule that includes activities performed for remediation of enumerated and additional sites included in or subsequently added to those included under the Consent Agreement for the Trust Remediation Program.

## **2.0 BACKGROUND AND CONSENT AGREEMENT REQUIREMENTS**

### **2.1 BACKGROUND**

#### **2.1.1 Site Location and History**

The Presidio occupies approximately 1,491 acres at the northern end of the San Francisco peninsula and is located within the limits of the City and County of San Francisco. San Francisco Bay bounds the Presidio to the north, the Pacific Ocean lies to the west, and residential neighborhoods are located to the south and east (Figure 1).

The Presidio was originally established in 1776 as a Spanish military garrison and then was occupied by Mexico from 1822 to 1835. It was briefly used as a garrison by American colonists in 1847 and then was operated as military post by the Army from 1848 through 1994. During this time, the Presidio served as a mobilization and embarkation point for several overseas conflicts, was used as a medical debarkation center, and provided coastal defense facilities for the San Francisco Bay area. Although there were no significant heavy industrial operations at the Presidio, light industrial operations included vehicle and aircraft maintenance and repair, fuel storage and distribution, medical and laboratory facility operations, weapons operations, printing and painting, and dry cleaning. These and other historical activities at the Presidio involved the storage and use of hazardous materials and generated hazardous wastes (including waste solvents, paints, batteries, and corrosive liquids) and other miscellaneous wastes (including medical wastes, construction and building debris, and municipal-type wastes). These operations are the source of waste releases identified in the Consent Agreement.

The Presidio was recommended for closure by the United States Secretary of Defense's Commission on Base Realignment and Closure (BRAC) in December 1989 and the Army assumed responsibility for cleanup of hazardous waste releases from its operations at the Presidio. The Army conducted site assessment and cleanup activities under the oversight of the United States Environmental Protection Agency (USEPA) and the DTSC; although no formal clean-up agreements or orders were executed among the three agencies. With regard to petroleum releases at the Presidio, the Water Board had issued Site Cleanup Requirements to the Army for the Presidio in 1991 (Order 91-082) and 1996 (Order 96-070) that detailed the regulatory cleanup requirements for petroleum-release sites.

In 1994, under Public Law 92-589, land management responsibility for the Presidio was transferred to the NPS and the Presidio became part of the Golden Gate National Recreational Area (GGNRA). As required by the BRAC Act, the Army continued to perform environmental investigations and cleanup of sites at the Presidio pursuant to "Environmental Restoration of the Presidio Interagency Agreement between DOI and the Army" also referenced as Subagreement #7.

In 1996, the Trust was established as a Federal government corporation with the purpose of managing the leasing, maintenance, rehabilitation, and improvement of the non-coastal portions of the Presidio (designated "Area B") under the Presidio Trust Act, 16 U.S.C. § 460bb appendix (Trust Act). The NPS retained management responsibility for the coastal portions of the Presidio (Area A). Areas A and B of the Presidio are depicted on Figure 1. The Army continued to be responsible for environmental remediation in both Areas A and B.

On May 24, 1999, the Army, the Trust, and the NPS entered into a MOA, referred to as the Presidio MOA (Army, Trust and NPS, 1999). Pursuant to the Presidio MOA, the Army delegated its responsibility for remediation of the Presidio to the Trust (both Areas A and B). The Army

retained responsibility for the cleanup of unknown contamination as defined in the MOA as well for unexploded ordnance; nuclear, biological, and chemical weapons or agents; offshore areas; and other substances and conditions specifically outlined in the MOA.

On May 24, 1999, the Trust and NPS also signed the Area A Memorandum of Agreement (Area A MOA) (Trust and NPS, 1999), through which the Trust took on the responsibility to complete remediation of sites in Area A and serve as the primary contact with the regulatory agencies. The Area A MOA also outlined the relationship between the NPS and Trust during remediation of sites in Area A.

In August 1999, the Trust and NPS entered into a Consent Agreement (DTSC, Trust, and NPS, 1999) with the DTSC that established requirements and procedures for cleanup of releases of hazardous substances and hazardous waste at the Presidio consistent with CERCLA and the Resource Conservation and Recovery Act (RCRA). CERCLA site investigation and cleanup activities are overseen by the DTSC, and the completion of those activities are documented in this report.

In 2003, the Regional Water Quality Control Board (Water Board) issued a revised Order and rescinded the prior orders (Water Board, 2003). The Water Board retains jurisdiction over petroleum sites in accordance with Water Board Order R2-2003-080 (Order), which was issued to the Trust, NPS and U.S. Army (Water Board, 2003). Petroleum site investigation and cleanup activities are not covered in this report, but are summarized under separate cover (EKI, 2014). The Water Board rescinded Order R2-2003-080 on May 14, 2014.

## **2.1.2 Responsible Parties**

The Consent Agreement was signed by the DTSC, Trust, and the NPS in August 1999. The NPS and Presidio Trust are signatories because of their administrative responsibility for Areas A and B of the Presidio, respectively. The Consent Agreement acknowledges the Presidio MOA and the Area A MOA. Remaining Army responsibilities are also defined in Section 4.3 of the Consent Agreement to include:

- Unexploded ordnance, as defined in Section 4.4 of the Presidio MOA;
- Nuclear, biological, and chemical weapons or agents as defined in Section 4.4 of the Presidio MOA;
- Off-shore areas as defined in Section 9.3 of the Presidio MOA;
- The former Coast Guard installation at Fort Point as defined in Section 9.3 of the Presidio MOA;
- The California Department of Transportation (Caltrans) and Golden Gate Bridge and Transportation District (GGBTD) area, as defined in Section 9.3 of the Presidio MOA, and
- Other Unknown Contamination, as defined in Section 1.22 of the Presidio MOA.

The Consent Agreement further clarifies that clean up within the Caltrans and GGBTD areas is being conducted subject to voluntary clean up agreements (VCAs) between DTSC and the agencies respectively for contaminated associated with Caltrans and GGBTD operations. To the extent that DTSC determines that contamination in these areas is not associated with Caltrans or GGBTD operations, DTSC reserved the right to confer with the Trust and NPS on appropriate actions.

### **2.1.3 Primary Planning Documents**

In 1963, the Presidio was designated a national historic landmark; and in 1966, the installation was listed on the National Register of Historic Places. In 1999, when the Trust took on responsibility for the cleanup of the Presidio, it did so with the intent of ensuring that remediation would be consistent with future land use goals and objectives and reflective of the Trust's mission to preserve and protect the Presidio as an enduring public resource, national park, and a national historic landmark.

Key planning documents that guide decisions at the Presidio include the General Management Plan Amendment (GMPA; NPS, 1994), the Presidio Trust Management Plan (PTMP; Trust, 2002), and Vegetation Management Plan and Environmental Assessment (VMP; NPS and Trust, 2001). These three documents serve as land use Master Plans and provide the framework for understanding current and future land uses in the Presidio.

The 1994 GMPA provides guidelines for the management and improvement of Area A of the Presidio. In 2002, the Trust prepared the PTMP which sets forth the Trust's land use policies and the general management framework for Area B of the Presidio. The Trust and NPS also jointly developed the VMP to guide the management and restoration of native plant habitat, historic forest, and cultural landscapes at the Presidio. In conjunction with the Board Order and the Consent Agreement, the PTMP, GMPA, and VMP have been used to develop strategies to effectively remediate and protect, preserve, and restore the Presidio's cultural and biological resources, and to enhance the overall health of the Presidio and the public's experience at the Presidio.

## **2.2 OPERABLE UNITS, SITES, AND PRIOR WORK**

Under the oversight of DTSC, the Trust, in coordination with the NPS, is responsible for conducting investigation and cleanup activities and documenting each phase of the response action process at identified sites in each OU. The Consent Agreement references actions that were completed by the Army and identifies additional actions to be completed by the Trust. The following lists the OUs and sites identified in the Consent Agreement, summarizes previous Army actions, and the additional response actions required under the Consent Agreement.

## 2.2.1 Operable Units and Sites

The Consent Agreement identifies the following 65 sites within six OUs:

- OU 1: Public Health Service Hospital
  - Landfill 8
  - Landfill 10
  - Building 1827 Area
- OU 2: Main Installation
  - Baker Beach Disturbed Area 1
  - Baker Beach Disturbed Area 1A
  - Baker Beach Disturbed Area 2
  - Baker Beach Disturbed Area 3
  - Baker Beach Disturbed Area 4
  - Battery Howe-Wagner
  - Fill Site 1
  - Fill Site 5
  - Fill Site 6 (subdivided into Fill Site 6A and Fill Site 6B)
  - Graded Area 9
  - Landfill 2
  - Landfill 4
  - Landfill E
  - Building 215 Area
  - Former Building 609 Area
  - Building 633 Firing Range
  - Building 669 Area
  - Building 1167 Area
  - Building 1244 Area
  - Building 1245 Area
  - Building 1351 Area
  - Building 1750 Area
  - El Polin Spring Area
  - Mountain Lake Area
  - Nike Facility Area
  - Nike Swale
  - Sewer Lift Station #1 Area
  - Transfer Station Area
  - Building 302 Area
  - Building 611 Area
  - Building 662 Area (including Tanks 662.1 and 662.2)
  - Building 680 Area
  - Building 1057 Area
  - Building 1153 Area (expanded to include the 1151 Area)
  - Building 1369 Area
  - Building 1388 Area
  - Building 1450 Area
  - Building 1451 Area
  - Lobos Creek
  - Sewer Lift Station #2 Area

- OU 3: Firing Ranges
  - Lobos Creek Protected Range
  - Lobos Creek Target Butt Range
  - Machine Gun Butt
  - California Highway Patrol (CHP) Pistol Range
- OU 4: Crissy Field Area
  - East of Mason (EOM)
  - Fill Site 7
  - Building 640/643 Area
  - Building 923/937 Area (includes Tanks 937.1, 937.2, and 937.3)
  - Building 924 Firing Range
  - Building 950 Area
  - Building 979 Area (includes Tanks 979.1, 979.2, 979.3, 979.4, 979.5, and 979.6)
  - Crissy Field Rifle Institute and Skeet Ranges (on shore)
  - Contingency Action Plan Sites.
- OU 5: Directorate of Engineering and Housing Area
  - Building 268 Area
  - Building 269 Area (includes Tanks 269.1, 269.2, 269.3, and 269.4)
  - Building 283 Area
  - Building 286 Area
  - Buildings 292/293 Area
  - DEH Area (Groundwater)
- OU 6: Miscellaneous Sites
  - Tank Site 1362
  - Tank Site LR0101.1
  - Tank Site LR0101.2
- OU 7: Basewide Cumulative Effects
  - Basewide Remedial Action Plan

Based on guidance from DTSC, this Basewide Report will satisfy the requirement for the Basewide RAP.

Several sites were identified after the Consent Agreement was issued. A select number were remediated under the authority of the Consent Agreement based on proximity to listed sites and identified potential for site contaminants to pose risk to human health and the environment.

These additional sites include:

- Former Railroad Tracks Area – Two railway lines used to deliver and transport petroleum products and coal via railcar to the Motor Pool and Coal Storage Bin Area.
- Coal Storage Bin Area – Coal storage activities were conducted at Coal Storage Bin No. 604, located between the two railway lines.
- Baker Beach Disturbed Area 2A – A debris fill area on the Baker Beach bluff slope.
- Public Health Service Hospital (PHSH) Fill Site - Adjacent to and east of Landfill 10 (LF10) and discovered during investigation of LF10 in 2007. Filling was performed in

the early 1930s and 1950s as part of construction and expansion of the PHSB building complex.

- Barnard Avenue Protected Range (BAPR) – A former firing range pre-dating Landfill E (LFE) and located adjacent to and beneath waste disposed at LFE.

In addition to the five “unknown” or non-listed sites cited above, over 100 potential waste release sites were identified that were not listed in the Consent Agreement. These “unknown sites” were assessed under OU 7 per direction from the DTSC provided in a letter dated February 12, 2013<sup>2</sup>. These additional unknown sites include:

- Slag Dump – An area where clinker was disposed along Baker Beach.
- Merchant Road Fill Site – A general fill area identified from historic photographs during a cultural resource investigation at the Baker Beach Disturbed Areas (BBDAs).
- Bluff Skeet Range – A former skeet range identified during clean up of the CHP Pistol Range and confirmed from review of historic photographs.
- Lendrum Court – Debris fill and ash identified in shallow trenches within a North Fort Scott residential neighborhood.
- Old Fill – Fill in the northern end of the Tennessee Hollow drainage dating from the period of initial (early 1900s) Army land development that was primarily derived from local source areas and contains a low percentage of building debris.
- Battery Frontal Slopes – Areas adjacent to select historic coastal batteries where asphaltic material used as a roofing material or soil cover is present in surrounding surface soils.
- Sewer Lift Station (SLS) #1 Parking Area (SLF1 Parking Area) – Fill adjacent to SLS#1 that was identified during cleanup of SLS#1.
- 1999 IT Miscellaneous Sites List – A 1999 report titled *Additional Sites of Potential Environmental Concern; In Depth Historical Research* (IT, 1999), prepared for the Army, listed numerous potential waste release sites based on a key word search and a literature review of Army records (now in the NPS Archives). In this document, the Army identified 581 Miscellaneous Sites of which 148 were determined to require additional evaluation.

The Trust’s evaluation of the sites listed above are presented under separate cover. “Unknown” sites where DTSC determined that no further action (NFA) was required were closed under the Consent Agreement. Sites where DTSC determined that further assessment and/or remediation under CERCLA was required were deferred to future investigation and remediation under new voluntary site clean-up agreements (VCAs). Table 4 documents the status of these sites.

Sites identified in the Consent Agreement and those identified subsequent to the Consent Agreement are shown on Figure 2 and Tables 2 through 4 list the sites, response actions performed, and DTSC certification date or status. Tables 2 and 3 also list the RAP grouping and

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<sup>2</sup> February 12, 2013 letter from Denise Tsuji, DTSC to Eileen Fanelli, Presidio Trust

DTSC-approved decision document for listed sites and non-listed sites remediated under the Consent Agreement.

## **2.2.2 Army Response Actions**

Prior to the Consent Agreement, under Subagreement #7, the Army had been executing its investigation and cleanup responsibilities to address environmental conditions at the Presidio. The Army response actions, and the key reports/documents prepared are summarized below by OU.

**OU 1, Public Health Service Hospital (PHSH):** In January 1995, the Army completed a Record of Decision (ROD) (Army, 1995) for OU 1 sites - Building 1827, Landfill 10, and Landfill 8. The Army subsequently implemented the remedial actions identified in the ROD, that included building demolition and soil excavation at Building 1827 and groundwater monitoring at Landfills 8 and 10, which were otherwise managed in place. As part of the 5-year review process, the Trust conducted additional testing and analysis at Landfills 8 and 10. Based on that analysis, DTSC required that further remedial actions be implemented at the two landfill sites.

**OU 2, Main Installation:** In January and May 1997, the Army prepared RI/FS reports, respectively, for the Main Installation of the Presidio (Dames & Moore, 1997a and b). The Army submitted these documents to DTSC, although DTSC did not approve them. The Trust also reviewed the data provided in these reports and developed comments that were presented in a report titled Alternative Remedial Actions for Presidio Main Installation Sites (EKI, 1998). The review focused on whether the proposed Army remedial actions were consistent with the planned future land use for each site. For several sites, the Trust proposed additional analysis and/or alternative remedies. The Consent Agreement acknowledges that the Army's RI/FS did not address outstanding DTSC and Trust concerns. It acknowledged that the Trust would prepare a revised Main Installation Feasibility Study that would include updated evaluations of future land use, human health and ecologic risk-based cleanup levels, background concentrations of metals in soil and beneficial uses of groundwater.

**OU 3, Firing Ranges:** In July 1997, the Army prepared a Site Investigation Report for the Small Arms Firing Ranges (Montgomery Watson, 1997). Similar to the Main Installation RI/FS, the DTSC did not approve the document. The Consent Agreement indicates that the Trust would prepare an RI/FS and RAP for the firing ranges sites incorporating as appropriate the data collected by the Army.

**OU 4, Crissy Field:** In April 1998, the Army implemented most of the remedial actions at Crissy Field in accordance with the Crissy Field RAP (Army, 1998). DTSC determined that the following additional areas or activities needed to be addressed and performed: 1) contaminated soil along the beach front at the skeet ranges; 2) contaminated soil under the electrical line at Fill Site 7; 3) post-wetlands construction sediment sampling, well installation activities, and ongoing monitoring. This work was also completed by the Army, with the Trust continuing to

monitor groundwater after 1999. Remedial actions were also identified as likely to be required in Attachment 3 of the Consent Agreement.

OU 5, Directorate of Engineering and Housing (DEH): In March 1997, the Army completed the DEH RAP (Army, 1997) and implemented the RAP with the exception of ongoing groundwater monitoring. The Army submitted reports to DTSC documenting implementation of remedial actions. Remedial actions were also identified in Attachment 3 of the Consent Agreement as likely to be required.

OU 6, Miscellaneous Sites: The actions implemented by the Army included removal of and associated reporting for Tank 1362. Remedial Actions were also identified in Attachment 3 of the Consent Agreement as likely to be required.

### **3.0 SITE RESPONSE ACTION COMPLIANCE**

#### **3.1 TASK LIST AND REQUIRED ELEMENTS**

The Response Action Process for the Presidio is set forth in Section V of the Consent Agreement, and includes the elements of the Presidio Remediation Strategy that were implemented at each listed site in accordance with Section 5.4 and summarized by OU in Attachment 3 of the Consent Agreement.

The Trust has been responsible for assessment and remediation of hazardous waste sites associated with former Army operations at the Presidio of San Francisco since 1999.

Preliminary to moving forward with site remedial decision documents, the Trust re-evaluated the Army's identified remedial alternatives and cleanup levels to assess whether they were protective of human health and the environment based on planned land use. As part of this evaluation, the Trust prepared *Development of Presidio-Wide Cleanup Levels for Soil, Sediment, Groundwater, and Surface Water Presidio of San Francisco, California* (Cleanup Level Document; EKI, 2002) to present the approach to development of cleanup levels for use at the Presidio. In the Cleanup Level Document, the Trust developed preliminary remediation goals (PRGs) for detected chemicals in soil, sediment, groundwater, and surface water and background levels for metals in soil. The PRGs developed in the Cleanup Level Document were based on the Trust's understanding of planned land use, likely receptors, and their reasonable maximum exposure to chemicals at the Presidio. Since 2002, the Trust has issued several updates to the Cleanup Level Document in response to identification of new potential chemicals of concern (PCOCs), changes in regulatory levels, and updated guidance regarding calculation of risk. These updates included calculation of human health PRGs for dioxins and furans (MACTEC, 2007), revised PRGs for carcinogenic polynuclear aromatic hydrocarbons (PAHs) (AMEC, 2011), and a revised background level for zinc in Colma and mixed Dune Sand and Colma formation soils (AMEC, 2013). Additionally, with input from DTSC, site-specific PRGs were developed to reflect site-specific receptors and reasonable maximum exposure scenarios for individual sites. PRGs and soil background levels were used to evaluate potential risks from

chemicals detected in soil, sediment, groundwater, and surface water at the sites. Site cleanup levels were adopted in Final RAPs based on the soil type present and planned land use.

Sites were grouped into RAPs (e.g., RAP 1) based on the planned remediation schedule and to limit the number of decision documents required for preparation and review. In most cases, the Trust performed additional investigations prior to preparation of FSs or RAPs. Investigation or RI summary reports were prepared that documented Army and Trust investigation results. For select sites, results of risk analyses performed as part of RIs or preliminary endangerment assessments (PEAs) showed that there was no risk from chemicals in soil, sediment, groundwater, or surface water to potential receptors. For those sites, no FSs or RAPs were prepared by the Trust and the sites were certified by the DTSC as requiring NFA. For most sites, FSs and RAPs were prepared documenting the Trust's remedial alternatives analysis and selection process. As part of implementation of the selected remedies, the Trust prepared remedial design documents that were reviewed by the DTSC. Remedial activities were documented in Construction Completion Reports (CCRs) and post-construction monitoring evaluations that supported the Trust's request for site certification.

The Trust also prepared the LUCMRR to serve as the implementation and enforcement plan to ensure that LUCs in place in Area B of the Presidio are maintained. LUCs for sites in Area A are documented in the NPS Compendium. The O&M agreement was prepared and signed by the Trust, NPS and DTSC. The O&M plan was developed to specify requirements for annual inspection and reporting at sites with O&M requirements and sites where LUCs are in place. Following rescission of the Consent Agreement, sites that have ongoing O&M requirements will be regulated under the O&M Agreement and managed under the O&M Plan. O&M is further discussed in Section 4.0.

The activities performed and documents prepared for Consent Agreement listed sites are summarized in Table 2. Table 2 specifically documents compliance with the applicable key elements of Section 5.4 (Presidio Remediation Strategy), identifies the status of DTSC's site certification; and identifies which sites have long-term O&M and/or LUC requirements. As summarized in Table 2, remedial construction work was performed at 43 Consent Agreement listed sites, LUCs or land use notifications (LUNs) were the only remedial action at 4 sites, for one site the selected action was groundwater monitoring only, and the DTSC identified NFA for 17 listed sites. All sites are shown on Figure 2, remedial construction sites are shown on Figure 3 and Long-Term Monitoring and LUC sites are shown on Figure 4.

The response actions conducted at the listed sites were conducted in accordance with CERCLA and RCRA, in a manner consistent with the Presidio Remediation Strategy, and additional requirements identified in Section 5 of the Consent Agreement (Section 2.3 of this report). Based on the remedies implemented, residual concentrations of contaminants at the sites do not pose risk to human health and the environment.

### **3.2 ADDITIONAL SITES**

Additional sites not listed in the Consent Agreement (Non-Listed or “Unknown” Sites) were subject to the Response Action Process, and were assessed for compliance by DTSC as specified in DTSC’s Feb 12, 2013 letter. For the 160 sites identified since execution of the Consent Agreement, response actions have been completed by the Trust for five sites, as shown in Table 3. Another 155 sites were evaluated as part of OU 7<sup>3</sup> and of those sites, the majority were recommended for NFA. The remaining sites will require additional action, which will be completed under site specific VCAs. Table 4 summarizes the status of these sites. The Trust is in the process of preparing VCAs for non-enumerated or Unknown Sites that require additional work. The VCAs will remain in effect after the Consent Agreement is terminated.

### **3.3 PUBLIC PARTICIPATION REQUIREMENTS**

In accordance with Section 7.1 of the Consent Agreement, the Trust prepared and implemented a Community Relations Plan (CRP; Trust, 2001) that was based on guidance provided in DTSC *Public Participation Policy and Procedures Manual* and the *Revised Guidance for Public Participation Under the Correction Action Regulations* (DTSC, 1997 and 1999). The goal of the CRP is to promote communication, cooperation, and understanding between the Trust and the public. The CRP has been implemented by the Trust to ensure that interested parties and the general public receive accurate, timely, and pertinent information and are provided with an opportunity to comment on and share their concerns about environment remediation activities at the Presidio.

Key elements of the CRP include support and involvement of the Presidio Restoration Advisory Board (RAB); public meetings, workshops, and presentations; public comment periods; fact sheets, newsletters and media outreach; and information repositories. These CRP elements are further discussed below.

#### **3.3.1 Restoration Advisory Board**

In 1994, members of the Presidio Technical Review Committee became founding members of the new Presidio RAB. Since 1994, the RAB has served as the key public participation body for input to decision makers for the Presidio Environmental Remediation Program. The RAB is composed of regulatory agency members, key stakeholders (e.g., NPS and Trust Staff), and community members. The RAB meets the second Tuesday of every month; during meetings the RAB is updated on the status of environmental cleanup activities, planned remediation and investigation activities, and provides comment on their review of technical documents. In addition to regular RAB meetings, Trust, NPS, and regulatory agency staff also attend monthly RAB committee meetings and RAB working group meetings, as requested, to focus on issue-specific topics related to cleanup programs or other RAB business or concerns. The RAB will be

<sup>3</sup> Count includes 148 buildings/sites included in the 1999 IT report, Slag Dump, Bluff Skeet Range, Merchant Road, Battery Frontal Slopes, SLS#1 parking area, Old Fill, and Lendum Court.

voting on disbanding in April 2014, and is preparing a report documenting their activities in support of the Presidio Environmental Remediation Program.

### **3.3.2 Public Meetings, Workshops, and Presentations**

The Trust held public meetings to inform community organizations, neighborhood groups, and the general public when technical milestones had been reached and to provide them with a forum for questions and comments. Notifications of meetings were sent to individuals on the Presidio Environmental Remediation Mailing List and announcements placed in local newspapers and newsletters.

### **3.3.3 Public Comment Periods for RAPs and CEQA**

Decision documents, including RAPs and CEQA Initial Studies (ISs) for various sites or groups of sites under the Consent Agreement, were subject to a minimum public comment period of 30 days per the requirements of CEQA. The comment periods were provided to afford the public opportunities to review environmental planning documents for sites under the Consent Agreement and provide written or oral comments. Public meetings were also held during the comment periods to present key elements of the planned environmental projects and provide a forum for oral comments and questions. The public was provided notice of the comment period and meetings via the Presidio E-Newsletter (transmitted to Presidio tenants), advertised in the San Francisco Chronicle, and posted on the Trust's public website and DTSC's EnviroStor website. The time periods between issuance of the draft and final RAPs are summarized below.

RAP Name	Sites Included	Date Draft RAP Issued For Public Comment	Date of Final RAP Including Comment Response
Crissy Field RAP	Crissy Field Sites	October 3, 1997	April 10, 1998
DEH RAP	Department of Engineering and Housing Site	January 1997	April 7, 1997
RAP 1	Landfill 4 and Fill Site 5	June 3, 2002	September 12, 2002
RAP 2	Fill Site 6A, BBDA 3 and BBDA 4	August 27, 2003	March 25, 2004
RAP 3	BBDA 1 and BBDA 2A and 26 additional sites	May 8, 2007	June 3, 2007
RAP 4	Landfills 8 and 10, PSH Fill Site, and 4 Small Arms Firing Ranges	November 11, 2008	March 4, 2009

RAP Name	Sites Included	Date Draft RAP Issued For Public Comment	Date of Final RAP Including Comment Response
RAP 5A	Fill Site 1 and Landfill 2	March 22, 2010	June 25, 2010
RAP 5B/5C	BBDA 1A and BBDA 2	December 5, 2012	April 11, 2013
RAP 6A	Landfill E	March 23, 2011	June 15, 2011
RAP 8A	Mountain Lake	March 19, 2012	May 17, 2012

### **3.3.4 Internet, Fact Sheets, Newsletters, and Media Outreach**

The Trust developed an Environmental Remediation section of its internet site where fact sheets and newsletters, and other information pertinent to the Environmental Remediation Program were available. The Trust Internet address is <http://www.presidiotrust.gov>.

Fact sheets and proposed plans for remediation programs were prepared to inform the public about environmental restoration activities and specifically, cleanup projects that required a public review period. The fact sheets and proposed plans were generally prepared prior to public meetings and contained information concerning the date and locations of the meetings as well as points of contact for further information. The fact sheets and proposed plans also provided information concerning the locations of documents pertaining to decisions leading to the plans for site cleanup (Administrative Record). Fact sheets and proposed plans were mailed to parties on the Presidio Environmental Remediation mailing list, DTSC RAP Mailing List, and to Presidio tenants near the remediation project sites. Early on in the program, the Trust produced a newsletter, the *Presidio CleanUp News*, to provide the public with updates concerning the progress of the Presidio Environmental Remediation Program. The newsletters were mailed to the parties on the Presidio Environmental Remediation Mailing List.

In addition, the Trust periodically sends press releases to local media to advise the media and the public of the status, findings, significant milestones, or special events with respect to the Environmental Remediation Program.

### **3.3.5 Information Repositories and Administrative Record**

An information repository for the Presidio Environmental Remediation Program is located at the Presidio Trust Library at 103 Montgomery Street at the Presidio and at the DTSC Berkeley office. The repository includes documents produced to support the Environmental Remediation Program, copies of pertinent laws and regulations, the Administrative Record, fact sheets, newsletters, and other relevant information.

### **3.4 SCHEDULES AND QUARTERLY REPORTS**

In accordance with Section 5.4 (D) of the Consent Agreement, the Trust has prepared and submitted to DTSC detailed Quarterly Reports that include a summary of the quarterly activities as well as an overview of the work completed to date under the Presidio Environmental Remediation Program. The quarterly reports provide a summary of milestones reached during the quarter, describe work activities planned for the next quarter, and identify issues toward meeting project requirements and deadlines. Also included are tables listing key regulatory submittals and correspondence between the Trust and regulatory agencies, including the DTSC. In addition, the quarterly reports provide a financial summary and updates to the Presidio Remediation Program Schedule.

The Presidio Remediation Program Schedule has been developed and maintained by the Trust in accordance with Section 5.4 (C) of the Consent Agreement. As the program has moved forward, the schedule has been updated and modified to reflect extended document review times, adding additional activities, or removing activities that were no longer necessary to be completed. Changes to the Presidio Remediation Program Schedule have been made in consultation with the DTSC.

The current Presidio Remediation Program Schedule is presented in Appendix A. Table 1 summarizes the Quarterly Reports submitted since 2008, when the most recent baseline schedule was established.

### **3.5 GENERAL PROVISIONS**

The Trust has followed general provision requirements itemized under Section VIII of the Consent Agreement as discussed below.

#### **3.5.1 Project Coordinator**

In compliance with Section 8.1 of the Consent Agreement, the Trust identified a Project Coordinator whose responsibilities are to receive notices, comments, and approvals from DTSC. The Project Coordinator is also responsible for the Presidio Remediation Program Schedule, budgets, preparing quarterly status reports, and financial reports, overall management of the Environmental Remediation Program, coordination and communication with the DTSC, RAB, NPS, public, and other stakeholders. Since January 2008, Eileen Fanelli, Environmental Remediation Program Manager, served as the Trust Project Coordinator. She supervises Trust Environmental Remediation staff and consulting and construction firms under contract to the Trust. Ms. Fanelli is a Professional Geologist in the State of California.

#### **3.5.2 Project Engineer/Geologist**

In compliance with Section 8.2 of the Consent Agreement, response actions were performed under the direction and supervision of a qualified professional engineer or professional geologist in the State of California. The work was either directly supervised by qualified Trust staff or a

Trust consultant. Documents submitted to the DTSC for formal review were signed by a professional geologist or engineer.

### **3.5.3 Quality Control/Quality Assurance**

In accordance with Section 8.3 of the Consent Agreement, the Trust prepared and has followed a Presidio-Wide Quality Assurance Project Plan and Sampling and Analysis Plan (QAPP; TetraTech, 2001). The QAPP presents policies, project organization, and quality assurance and quality control (QA/QC) measures to be implemented for environmental investigations or remedial work undertaken by the Trust at the Presidio as part of the Environmental Remediation Program.

### **3.5.4 Notice and Communications, DTSC Review and Approval, and Presidio Access**

Sections 8.4 and 8.5 of the Consent Agreement indicate that notices to DTSC shall be in writing and specify that DTSC approvals and decisions will be communicated in writing by the Mitigation Branch Chief or Designee. Section 8.6 also specifies that if the DTSC determines that a document submitted for approval fails to comply with requirements of the Consent Agreement, the DTSC may return comments to the Trust with recommended changes. The Trust and DTSC have followed these protocols and the Trust maintains copies of DTSC correspondence. Response to DTSC comments are provided as either attachments to the revised document or as separate submittals to the DTSC.

In accordance with Section 8.10 of the Consent Agreement, the Trust has provided the DTSC with access to all sites at the Presidio and to contract laboratories for inspection.

### **3.5.5 Data and Document Availability, Record Retention, Plans, Schedules, Reports, and Sampling**

The central repository for reports prepared as part of the Environmental Remediation Program that have been submitted to the DTSC, is the Trust library at 103 Montgomery Street. The Trust also maintains electronic versions of the reports on a server that is accessed by Trust staff. In accordance with Section 8.12 of the Consent Agreement, these reports will be preserved and maintained a minimum of six years after conclusion of activities performed under the Consent Agreement.

In accordance with Section 8.11 of the Consent Agreement, the Trust notified the DTSC of field sampling efforts to allow DTSC the opportunity to collect duplicate samples and/or observe sampling activities. The Trust has also provided DTSC with validated and non-privileged sampling, testing, and monitoring data pertaining to work performed under the Consent Agreement. In general, these data have been provided as attachments (generally as electronic files provided on disc) to monitoring, investigation, and construction completion reports and/or uploaded to a SharePoint site set up by the Trust for the purpose of data exchange during conduct of the work. Analytical data provided by the laboratory as electronic deliverables are

also uploaded and stored in a database maintained by the Trust, which serves as the central repository of analytical data collected as part of the Environmental Remediation Program.

In accordance with Section 8.18, plans, schedules, reports, and specifications that were prepared by the Trust and approved by DTSC were implemented by the Trust, unless the plans were revised or modified in consultation with the DTSC. Schedules were regularly updated to reflect resource constraints as well as the actual duration of stakeholder and DTSC plan review and approval.

### **3.5.6 Payment of Costs**

In accordance with Section 8.16 of the Consent Agreement, the DTSC has billed the Trust quarterly for oversight activities under the Consent Agreement. The billing provides DTSC incurred costs and describes the oversight activities performed during the billing period. All DTSC invoices submitted to date have been paid by the Trust.

### **3.5.7 Process for Acknowledgement of Satisfaction and Termination**

As specified in the requirements of Section 8.22 of the Consent Agreement, Termination and Satisfaction, the Consent Agreement may be terminated pursuant to either Section 8.22 (A) or (B) below:

(A) Acknowledgement of Satisfaction.

- (i) The provisions of the [Consent] Agreement shall be deemed satisfied and this Agreement will terminate upon execution by the Parties of an Acknowledgement of Satisfaction ("Acknowledgement"). DTSC will prepare the Acknowledgement for the Parties' signature. The Acknowledgement will specify that the Trust has demonstrated to DTSC's satisfaction that the terms of this Agreement, including payment of DTSC's costs, have been satisfactorily completed. The Acknowledgement will affirm the Trust's continuing obligation to preserve all records.
- (ii) The Trust may request in writing that DTSC prepare the Acknowledgement. Within sixty (60) days after receiving the request, DTSC shall either approve the request and prepare the Acknowledgement or shall deny the request and provide a written explanation of its denial to the Trust.

(B) Any Party may terminate its participation in [the Consent] Agreement by giving ninety (90) days written notice to the other Parties.

This report has been prepared to meet the Consent Agreement requirement for a report documenting OU 7 – Basewide Cumulative Effects, and in response to a November 6, 2013 e-mail from DTSC requesting a report summarizing previous decision documents and response actions for each OU listed in the Consent Agreement. As described in the Conclusions in Section 5.2 of this report, the Trust requests that subsequent to DTSC review and approval of this report, the Consent Agreement be terminated because the Trust has met the requirements of the Response Action Process as summarized in Section 3.0 (Site Response Action Compliance) of this report.

#### **4.0 POST-REMEDIATION SITE O&M AGREEMENT AND O&M PLAN**

Section 5.13 of the Consent Agreement requires the Trust, NPS, and DTSC to enter into an O&M Agreement for sites with post-remediation O&M prior to DTSC Certification of a site. In 2012, the Presidio Operation & Maintenance Agreement (O&M Agreement) was signed by the Trust, NPS, and DTSC.

The O&M Agreement, between the Trust, DTSC, and DOI [NPS] under CERCLA 42 U.S.C. Section 9601, *et seq.*, and H&SC Section 25355.5(a)(1)(c) (DTSC, Trust, NPS, 2012), is an enforceable agreement to 1) oversee investigation and/or remediation of a release or threatened release of hazardous substances at or from the Presidio, and 2) oversee O&M of post-remediation activities at the Presidio. The O&M Agreement applies to both Areas A and B of the Presidio, and supersedes Section 5.13 (Operation and Maintenance) of the Consent Agreement where O&M is a component of a site remedy. After Termination of the Consent Agreement, the O&M Agreement will continue to remain in effect for the specific sites that require O&M as part of the remedy. The O&M Agreement specifies that for sites requiring O&M, the O&M requirements will be left in place, operated and maintained by the Trust until DTSC authorizes the Trust in writing to discontinue or modify part or all of the O&M requirements. Included in the O&M Agreement are sites where Land Use Controls (LUCs) have been implemented by the Trust to restrict specific land use and/or to notify land use planners and stakeholders of the presence of residual contamination that poses risk based on unrestricted land use.

Sites where Long Term Monitoring and LUCs are in place are shown on Figure 5.

#### **LUCs**

Pursuant to Title 22 California Code of Regulations (CCR) Section 67391.1, DTSC requires a land use covenant be executed and recorded when hazardous materials remain at a site at concentrations that are not suitable for unrestricted land use. An exception to this requirement is for property owned by the federal government. Title 22, Section 67391.1(f) states that when it is not feasible to record a land use covenant for property owned by the federal government, other mechanisms may be used to ensure future land use will be compatible with the levels of waste that remain on the property. The Presidio Trust Land Use Control Master Reference Report (LUCMRR) serves as the implementation and enforcement plan to ensure that LUCs in place at the Presidio are maintained to protect public health and the environment (Trust, 2009). The LUCMRR applies to Area B of the Presidio. The LUCMRR has been incorporated into the O&M Plan to track O&M activities for LUC sites. The LUCMRR is amended for each site where LUCs are selected as a component of the site remedy with site-specific LUCMRR addenda. For Area A sites, land use restrictions are documented through the site-specific O&M Plan (e.g., O&M Plan for Landfill 10) and by notification placed in the Golden Gate National Recreation Area Compendium.

## **Long Term O&M Plan and Activities**

O&M activities are designed to maintain the remedy at a site to ensure that the remedy remains protective of human health and the environment in the long term to address residual contamination that poses risk based on unrestricted land use criteria. The Trust has prepared and DTSC has approved the O&M Plan for the Presidio that includes requirements for annual inspection and reporting of sites with O&M requirements, including sites where LUCs are in place that are managed and documented in the LUCMRR (Trust, 2012). The O&M Plan describes the operation, maintenance, inspection, and monitoring activities required for current remediation sites at the Presidio. For sites covered by the O&M Plan, the O&M activities are specified in decision documents that describe the remedies for the sites. The decision document is the RAP or ROD, as applicable, for CERCLA sites. After remedial construction is complete, the site O&M activities identified in the decision document are included in the O&M Plan.

The Trust has been implementing the O&M Plan since it was approved by DTSC on November 7, 2012. Inspection and monitoring procedures required for O&M sites include routine inspection of containment caps and repair as needed, groundwater and surface water sampling, landfill gas sampling, and maintenance of and compliance with LUCs. The O&M plan is updated as necessary and approved by DTSC.

## **O&M Frequency and Reporting**

Frequencies of the inspection and monitoring procedures vary by site. The inspection and monitoring frequencies required for each site are detailed in the site-specific appendices to the O&M Plan. The Trust assesses inspection and monitoring frequencies on a regular basis, and if appropriate, recommends modified frequencies. Inspection and monitoring results are documented in the annual O&M report, as well as any modifications in inspection and monitoring scope and schedule.

The O&M and LUCMRR reporting are combined into the annual O&M report and submitted to DTSC and the Water Board. The annual O&M report provides inspection logs; summaries of groundwater, surface water, and landfill gas monitoring activities; and LUC inspection logs. These reports include, as applicable, descriptions of inspection observations, maintenance and repair activities, inspection records, photographs, and maps showing site features requiring repair or maintenance. Each O&M site is reviewed annually to ensure the remedies are functioning as planned and will propose modifications and discontinuance of monitoring activities, as applicable.

## **Five-Year Reviews**

Section 121 of CERCLA requires remedial actions which result in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure be reviewed every five years to ensure protection of human health and

the environment. As required by CERCLA, the remedies of O&M sites with contaminants remaining above levels that do not allow for unrestricted use will be evaluated every five years, and Five-Year Review Reports will be prepared by the Trust and submitted to DTSC. Based on the results of the five-year reviews, the Trust may request in the Five-Year Review Reports to modify ongoing monitoring and maintenance activities. Approved changes to the O&M activities will be reflected in the O&M Plan and annual O&M reports.

## **O&M Procedures for Future Sites**

For sites covered in future decision documents, if the decision document contains O&M activities, the O&M Plan will be updated to include those O&M activities. O&M activities that are included in a site remedy are specified in the decision document for each site. The O&M also provides provisions for five-year reviews that are conducted in compliance with, as applicable, Sections 5.11 (Institutional Controls), 5.13 (Operation and Maintenance) and 5.14 (Five-Year Review) of the Consent Agreement. Attachment A of the O&M Plan lists the sites at the Presidio with O&M activities and/or LUCs.

## **5.0 SUMMARY AND CONCLUSIONS**

### **5.1 SUMMARY**

The completion of the Response Action Process per the requirements set forth in the Consent Agreement is documented in this Basewide Report. As described in Section 3.0 of this report, the Trust has followed the Presidio Remediation Strategy prescribed in Section 5.4 of the Consent Agreement, by maintaining the Presidio Remediation Program Schedule, conducting quarterly meetings and preparing quarterly reports documenting compliance with the Consent Agreement; consulting regularly with DTSC, and completing response actions appropriate to the 65 Listed Sites and 160 Non-Listed Sites as summarized in Tables 2, 3, and 4. Tables 2 and 3 also identify each element of the Response Action Process completed for each site and dates of DTSC certification. Of the 65 listed sites and 160 non-listed sites, DTSC Certification or NFA has been received for the majority of the sites. DTSC, the Trust, NPS and Army are entering into VCAs for the remaining sites (Tables 2, 3, and 4).

Decision documents for sites under the Consent Agreement implemented remedies using cleanup levels that were protective of the most sensitive of potential human or ecological receptors based on current, planned, as well as hypothetical land use. These cleanup levels reflected Presidio-wide PRGs that were conservatively based on exposure durations and pathways that represented reasonable maximum exposure scenarios for potential human and ecological receptors at the Presidio (EKI, 2002). Given the conservative nature of the Presidio-wide PRGs there are no expected residual risks or cumulative effects following site remediation.

## 5.2 CONCLUSIONS

The Trust has demonstrated through the compliance assessment presented herein that the Response Action Process was followed and completed by the Trust in accordance with the Presidio Remediation Strategy (Section 5.4 of the Consent Agreement) and additional requirements (Sections 5.5 through 5.20 of the Consent Agreement). In addition, this report meets the Consent Agreement requirement for a report documenting OU 7 – Basewide Cumulative Effects and Basewide RAP. Based on this compliance assessment, there is documentation to support DTSC preparation of an Acknowledgment of Satisfaction for Termination of the 1999 Consent Agreement.

Based on discussions with the DTSC, future sites identified as requiring assessment and/or remediation at the Presidio after Termination of the Consent Agreement, will be managed under the VCA Program. Under the VCA, DTSC will enter into site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities; and the project proponents will pay DTSC's reasonable costs for those services.

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**TABLES**

TABLE 1


**SUMMARY LISTING OF CERCLA PROGRAM SCHEDULE AND QUARTERLY REPORTS SINCE 2008<sup>(a)</sup>**

Basewide Report of Compliance  
Presidio of San Francisco, California

Date of Submittal	Document Title
September 24, 2008	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 14 Third Quarter Fiscal Year 2008</i>
November 10, 2008	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 15 Fourth Quarter Fiscal Year 2008</i>
February 27, 2009	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 16 First Quarter Fiscal Year 2009</i>
May 26, 2009	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 17 Second Quarter Fiscal Year 2009</i>
August 20, 2009	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 18 Third Quarter Fiscal Year 2009</i>
November 17, 2009	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 19 Fourth Quarter Fiscal Year 2009</i>
February 26, 2010	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 20 First Quarter Fiscal Year 2010</i>
May 11, 2010	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 21 Second Quarter Fiscal Year 2010</i>
August 7, 2010	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 22 Third Quarter Fiscal Year 2010</i>
November 22, 2010	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 23 Fourth Quarter Fiscal Year 2010</i>
February 15, 2011	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 24 First Quarter Fiscal Year 2011</i>
May 9, 2011	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 25 Second Quarter Fiscal Year 2011</i>
August 10, 2011	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 26 Third Quarter Fiscal Year 2011</i>
November 14, 2011	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 27 Fourth Quarter Fiscal Year 2011</i>

TABLE 1


**SUMMARY LISTING OF CERCLA PROGRAM SCHEDULE AND QUARTERLY REPORTS SINCE 2008<sup>(a)</sup>**

Basewide Report of Compliance  
Presidio of San Francisco, California

Date of Submittal	Document Title
January 12, 2012	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 28 First Quarter Fiscal Year 2012</i>
April 9, 2012	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 29 Second Quarter Fiscal Year 2012</i>
July 12, 2012	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 30 Third Quarter Fiscal Year 2012</i>
October 12, 2012	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 31 Fourth Quarter Fiscal Year 2012</i>
January 15, 2013	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 32 First Quarter Fiscal Year 2013</i>
April 15, 2013	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 33 Second Quarter Fiscal Year 2013</i>
July 8, 2013	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 34 Third Quarter Fiscal Year 2013</i>
October 15, 2013	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 35 Fourth Quarter Fiscal Year 2013</i>
January 15, 2014	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 36 First Quarter Fiscal Year 2014</i>
April 15, 2014	<i>Presidio Trust Remediation Program Quarterly Program Status Report, Financial Report Number 37 Second Quarter Fiscal Year 2014 [pending]</i>

(a) This table summarizes quarterly reports provided in accordance with the current baseline schedule. Prior to September 2008, reports were submitted on a quarterly basis in a different format.

TABLE 2

## SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES

Basewide Report of Compliance  
Presidio of San Francisco, California



Operable Unit	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (RIs) (Date of investigation/Party/Reference)	Feasibility Studies (FSs) (Party/Reference)	RAP and CEQA <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (RD) (Party/Reference and Date of DTSC Approval)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and Date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference and Date of DTSC Certification)	Operation and Maintenance Requirement (Type and Date of DTSC Approval)
1.0. OU 1 - Public Health Service Hospital	1.1 Landfill 8	RAP 4	1990 /Army/PHSH RI (Stollar, 1993) 2002/Trust/LF8 & LF10 5-Year and FIR (URS, 2004); 2007, 2008/Trust /LF8, LF10, PHSH Fill FS (EKI, 2008e)	Trust/LF8, LF10, PHSH Fill FS (EKI, 2008e)	RAP 4 (EKI, 2009)	Permeable Cover, LUC	LF8, LF10, GA9 RAWP (SES, 2009) DTSC Approval: 07/23/2009	LUC (Trust, 2011b) DTSC Approval: 3/26/2014	2009-2010/Trust/LF8, LF10, GA9 CCR (SES, 2013) DTSC Approval: 11/28/2012	Groundwater monitoring (Geosyntec, 2013b) DTSC Approval: 04/14/2014	Dec 2012/ LF8 Cert Request (Trust, 2012) DTSC Cert: 05/13/2014	Cover inspection: DTSC Approval: 06/28/2012
	1.2 Landfill 10	RAP 4	1990 /Army/ PHSH RI (Stollar, 1993) 2001, 2002/Trust/LF8 & LF10 5-Year and FIR (URS, 2004); 2007, 2008/Trust/LF8, LF10, PHSH Fill FS (EKI, 2008e)	Trust/LF8, LF10, PHSH Fill FS (EKI, 2008e)	RAP 4 (EKI, 2009)	Permeable Cover, LUC	Trust/LF8, LF10, GA9 RAWP (SES, 2009) DTSC Approval: 07/23/2009	LUC (Trust 2011c) DTSC Approval: 3/26/2014	2009-2010/Trust/LF8, LF10, GA9 CCR (SES, 2012) DTSC Approval: 11/28/2012	Groundwater monitoring (Geosyntec, 2013b) DTSC Approval: 04/14/2014	Jan 2013/GA9 and LF10 Cert Request (Trust, 2013b) DTSC Cert: 05/13/2014	Groundwater monitoring and cover inspection DTSC Approval: 06/28/2012 (for cover); 4/11/2014 (with modification for monitoring)
	1.3 Building 1827 Area	PHSH ROD	1990/Army/PHSH RI (Stollar, 1993)	Army/PHSH FS (Watkins-Johnson, 1993)	PHSH RAP (Watkins-Johnson, 1994) PHSH ROD (US Army, 1995)	Excavation and Offsite Disposal	Army/B1827 RD (Montgomery Watson, 1995)	NA	1995/Army/Bldg 1827 Cert Request (Trust, 2008b)	NA	Jul 2008/Bldg 1827 Cert Request (Trust, 2008b) DTSC Cert: 5/10/12	NA
2.0. OU 2 - Main Installation	2.1 Baker Beach Disturbed Area 1	RAP 3	1992-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2004, 2005-2006/Trust/BBDDAs FIR (MACTEC, 2006a)	Trust/Revised Main Installation Sites FS (EKI, 2003a); Eight Sites Supplemental FS (MACTEC, 2006c)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, Recycle Debris, and Monitor Seep/Groundwater	Trust/BBDDAs 1 and 2A RD (MACTEC, 2007c)	NA	2007-2008/Trust/BBDDAs 1 and 2A CCR (MACTEC, 2008) DTSC Approval: 2/12/2014	Erosion Control Monitoring; Seep and Groundwater Monitoring/Post-Remediation GW/Seep Evaluation (AMEC, 2012b)	June 2012/BBDA 1 Site Cert Request (Trust, 2012a) DTSC Cert: 05/15/2014	Groundwater/seep monitoring (Trust, 2014e) DTSC Approval: 04/11/2014
	2.2 Baker Beach Disturbed Area 1A	RAP 5B	1992-1995/Army/(Dames & Moore, 1997a) 2003, 2004, 2005/Trust/BBDDAs FIR (MACTEC, 2006a); 2006, 2010/Trust/BBDA 1A RI Summary Report (AMEC, 2012d) DTSC Approval: 07/23/2012	Trust/Revised Main Installation Sites FS (EKI, 2003a), RAP 5B (AMEC, 2013b)	RAP 5B (AMEC, 2013a)	Excavation and offsite disposal of asphalt source material	Trust/BBDA 1A RDIP (AMEC, 2013e) DTSC Approval: 5/10/2013	NA	2013/Trust/BBDA 1A CCR (AMEC, 2014a) DTSC Approval: 3/28/2014	Erosion Control Monitoring	Mar 2014/BBDA 1A Cert Request (Trust, 2014a) DTSC Cert: 3/28/2014	NA
	2.3 Baker Beach Disturbed Area 2	RAP 5C	1992-1995/Army/ Main Installation RI (Dames & Moore, 1997a) 2003, 2005/Trust/BBDDAs FIR (MACTEC, 2006a) 2006, 2009, 2011, 2013/Trust/BBDA 2 RI Summary Report (AMEC, 2012a) DTSC Approval: 06/29/2012	Trust/Revised Main Installation Sites FS (EKI, 2003a); RAP 5C (AMEC, 2013d)	RAP 5C (AMEC, 2013d)	Excavation and offsite disposal of debris fill	Trust/BBDA 2 RDIP (Geosyntec, 2013a) DTSC Approval: 06/19/2013	NA	2012-2013/Trust/BBDA 2 CCR (Geosyntec, 2014) DTSC Approval: 2/13/14	Erosion Control Monitoring	Feb 2014/BBDA 2 Site Cert Request (Trust, 2014b) DTSC Cert: 2/13/14	NA
	2.4 Baker Beach Disturbed Area 3	RAP 2	1992, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 2 (T&R, 2004b)	Excavation and Offsite Disposal, Recycle Debris, and Monitor Water	Trust/BBDDAs 3 and 4 RAP Work Plan (T&R, 2004c)	NA	2004-2005/Trust/BBDDAs 3 and 4 CCR and Addendum (T&R, 2005, 2007)	Groundwater monitoring <sup>(5)</sup>	May 2009/BBDA 3 and BBDA 4 Cert Request (Trust, 2009b) DTSC Cert: 11/19/2012	NA
	2.5 Baker Beach Disturbed Area 4	RAP 2	1992-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 2 (T&R, 2004b)	Excavation and Offsite Disposal, No Action for Surface Water	Trust/BBDDAs 3 and 4 RAP Work Plan (T&R, 2004c)	NA	2004/Trust/BBDDAs 3 and 4 CCR and Addendum (T&R, 2005, 2007)	NA	May 2009/BBDA 3 and BBDA 4 Cert Request (Trust, 2009b) DTSC Cert: 11/19/2012	NA
	2.6 Battery Howe-Wagner	RAP 6B	1992, 1995/Army/Main Installation RI (Dames & Moore, 1997a) 2000-2001/Trust/Addendum 2 and Addendum 3 to Samp Results (EKI, 2001b and 2002a) BHW RI Summary Report (AMEC, 2012c) DTSC Approval: 07/13/2012	NA	NA	No Further Action	NA	NA	NA	NA	NA	NA
	2.7 Fill Site 1	RAP 5A	1992, 1995/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a) 2009/FDR for FS1 and LF2 (MACTEC, 2009) DTSC Approval: 01/25/2010	Trust/Revised Main Installation Sites FS (EKI, 2003)	RAP 5A (MACTEC, 2010)	Excavation and Offsite Disposal, Recycle Debris, and Monitor Groundwater	Trust/FS1 & LF2 RAWP (KJ, 2010)	NA	2010/Trust/FS1 and LF2 CCR (KJ, 2012a) DTSC Approval: 05/02/2012	Groundwater monitoring (Roux, 2013) DTSC Concurrence: 8/9/13	Soil: May 2012/FS1 and LF2 CCR (KJ, 2012) DTSC Cert: 5/10/2012	NA
	2.8 Fill Site 5	RAP 1	1990,1994/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a)	Trust/RAP 1 (T&R, 2002b)	RAP 1 (T&R, 2002b)	Excavation and Offsite Disposal, Recycle Debris	Remedial Action Work Plan for LF4 and FS5 (T&R, 2002c)	NA	2003/Trust/LF4 and FS5 CCR (T&R, 2004f)	Groundwater monitoring <sup>(5)</sup>	Mar 2009/FS5 Cert Request (Trust, 2009a) DTSC Cert: 11/29/2012	NA
	2.9 Fill Site 6 - Fill Site 6A	RAP 2	1990,1994/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a) 2001/Trust/Samp Results Addendum 1 (EKI, 2001a)	Trust/Revised Main Installation Sites FS (EKI, 2003)	RAP 2 (T&R, 2004b)	Excavation and Offsite Disposal, Recycle Debris, Monitor Groundwater	Trust/FS 6A Clean Closure Work Plan (MACTEC, 2005a)	LUC/LUN (AMEC, 2014b) DTSC Approval: 03/28/2014	2005/Trust/FS6A CCR (MACTEC, 2006b) DTSC Approval: 04/07/2014	Groundwater monitoring <sup>(5)</sup>	Aug 2009/FS6A Cert Request (Trust Feb 2014/2014 FS6A Cert Request (Trust, 2014c) DTSC Cert: 04/07/2014	NA

TABLE 2

## SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES

Basewide Report of Compliance  
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Operable Unit	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (RIs) (Date of investigation/Party/Reference)	Feasibility Studies (FSs) (Party/Reference)	RAP and CEQA <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (RD) (Party/Reference and Date of DTSC Approval)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and Date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference and Date of DTSC Certification)	Operation and Maintenance Requirement (Type and Date of DTSC Approval)
2.0. OU 2 - Main Installation	2.10 Fill Site 6 - Fill Site 6B	RAP 6B	1990, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 1997/Army/Bldg 1065 SI (IT, 1997a) 2006, 2009, 2012, 2013/Trust/FS6B PEA (AMEC, 2013c)	NA	NA	LUC	NA	LUC (AMEC, 2014b) DTSC Approval: 03/28/2014	NA	NA	Nov 2013/FS6B PEA (AMEC, 2013c) DTSC Cert: 11/13/2013	NA
	2.11 Graded Area 9	RAP 3	1990, 1992/Army/Main Installation RI (Dames & Moore, 1997) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a)	Trust/Revised Main Installation Sites FS (EKI, 2003a); Eight Sites Supplemental FS (MACTEC, 2006c)	RAP 3 (MACTEC, 2007b)	Cover and LUC for Soil, No Action for Groundwater	Trust/Remedial Action Work Plan/Design Report for LF8, LF10, and GA9 (SES, 2009) DTSC Approval:07/23/2009	LUC (Trust, 2011d) DTSC Approval: 03/26/2014	2010/Trust/LF8, LF10, GA9 CCR (SES, 2012) DTSC approval: 11/28/12	NA	Jan 2013/GA9 and LF10 Cert Request (Trust, 2013b) DTSC Cert: 05/13/2014	Cover inspection DTSC Approval: 06/2012 and 04/11/2014
	2.12 Landfill 2	RAP 5A	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2009/Trust/FDR for FS1 and LF2 (MACTEC, 2009) DTSC Approval: 01/25/2010	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 5A (MACTEC, 2010)	Excavation and Offsite Disposal, Recycle Debris, Monitor Groundwater	Trust/ FS1 & LF2 RAWP (KJ, 2010)	NA	2010-2011/Trust/FS1 and LF2 CCR (KJ, 2012a) DTSC Approval: 05/02/2012	Groundwater and surface water monitoring (Roux, 2013) DTSC Concurrence: 8/9/13	Soil: May 2012/FS1 and LF2 CCR (KJ, 2012) DTSC Cert: 5/10/2012	NA
	2.13 Landfill 4	RAP 1	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2000/Trust/Samp Results Select Main Installation Sites (EKI, 2000a)	Trust/RAP 1 (T&R, 2002b)	RAP 1 (T&R, 2002b)	Excavation and Offsite Disposal, Recycle Debris	Trust/Remedial Action Work Plan for LF4 and FS5 (T&R, 2002c)	NA	2003/Trust/LF4 and FS5 CCR (T&R, 2004f)	Groundwater monitoring <sup>(5)</sup>	May 2009/LF4 Cert Request (Trust, 2009c) DTSC Cert: 11/29/2012	NA
	2.14 Landfill E	RAP 6A	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a); Landfill Design Summary Report (Montgomery Watson, 1999a) 2002, 2003/Trust/LFE FSR (EKI, 2003b) 2010/Trust/LFE FR and RI (Geosyntec, 2011a) DTSC Approval: 03/22/2011	Trust/Revised Main Installation Sites FS (EKI, 2003a); Draft Report, FS, LFE (CH2M Hill, 2005); RAP 6A (Geosyntec, 2011b) DTSC Approval: 06/15/2011	RAP 6A (Geosyntec, 2011b)	Cover, Excavation and Offsite Disposal, Recycle Debris, Monitor Seep Water	Army/PreDesign Work Plan (Montgomery Watson, 1996); Landfill Design Summary Report (Montgomery Watson,1999). Trust/LFE RDIP (Geosyntec, 2011c) DTSC Approval: 06/21/2011	LUC (Trust, 2012d) DTSC Approval: 11/01/2012	2011/Trust/LFE CCR (Geosyntec, 2012b) DTSC Approval: 11/01/2012	Groundwater and seep water monitoring; Landfill gas monitoring (Trust, 2011e) DTSC Approval:12/13/11	Aug 2012/LFE CCR and Cert Request (Trust, 2012c) DTSC Cert: 12/5/2012	Groundwater monitoring and cover inspection (Geosyntec, 2012a) DTSC Approval: 11/14/2012
	2.15 Building 215 Area	RAP 3	1994-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2001/Trust/Addendum 4 Samp Results (EKI, 2002b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.16 Former Building 609 Area	RAP 3	1990-1995/Army/Main Installation RI (Dames & Moore, 1997) 2002/Trust/Comm/PX SI Report (T&R, 2003c)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	LUC for Soil, No Action for Groundwater	NA	LUC (AMEC Geomatrix, 2009a) <sup>(3)</sup>	NA	NA	NA	NA
	2.17 Building 633 Firing Range	RAP 3	1995/Army/Main Installation RI (Dames & Moore, 1997a) 1998/Army/LTTD Sampling (Montgomery Watson, 1999) 2002/Trust/Comm/PX SI Report (T&R, 2003c)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Limited Excavation and Offsite Disposal, LUC and Maintain Existing Cover for Soil, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUC (AMEC Geomatrix, 2009a) <sup>(3)</sup> DTSC Approval; 03/26/2014	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014d). DTSC Cert: 04/23/2014	NA
	2.18 Building 669 Area	RAP 3	1994-1995/Army/Main Installation RI (Dames & Moore, 1997a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUC (AMEC, 2014c) DTSC Approval: 03/28/2014	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014d). DTSC Cert: 04/23/2014	NA
	2.19 Building 1167 Area	RAP 3	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2004/Trust/Six Sites Pre-Remedial Design Inv Report (MACTEC, 2005b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	2008/Trust/Final RAP 3 CCR (AMEC, 2014b) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014d). DTSC Cert: 04/23/2014	NA
	2.20 Building 1244 Area	RAP 3	1990, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 2001/Trust/Addendum 4 Samp Results (EKI, 2002b)	Trust/Revised Main Installation Sites FS (EKI, 2003a); Eight Sites Supplemental FS (MACTEC, 2006c)	RAP 3 (MACTEC, 2007b)	LUN for Soil, No Action for Groundwater	NA	LUN (AMEC, 2014g)	NA	NA	NA	NA
	2.21 Building 1245 Area	RAP 3	1994/Army/Main Installation RI (Dames & Moore, 1997a) 2001/Trust/Addendum 4 Samp Results (EKI, 2002b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.22 Building 1351 Area	RAP 3	1990, 1994, 1995/Army/Main Installation RI (Dames & Moore, 1997a) 2001/Trust/Addendum 4 Samp Results (EKI, 2002b) 2004/Trust/Six Sites Pre-Remedial Design Inv Report (MACTEC, 2005b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014d). DTSC Cert: 04/23/2014	NA

TABLE 2

## SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES

Basewide Report of Compliance  
Presidio of San Francisco, California



Operable Unit	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (RIs) (Date of investigation/Party/Reference)	Feasibility Studies (FSs) (Party/Reference)	RAP and CEQA <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (RD) (Party/Reference and Date of DTSC Approval)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and Date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference and Date of DTSC Certification)	Operation and Maintenance Requirement (Type and Date of DTSC Approval)
2.0. OU 2 - Main Installation	2.23 Building 1750 Area	RAP 3	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.24 El Polin Spring Area	RAP 5A	1990-1999/Army/Main Installation RI (Dames & Moore, 1997a) 2000-2009/Trust/Basewide Groundwater Monitoring Reports	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 5A (MACTEC, 2010)	No Further Action	NA	NA	NA	NA	NA	NA
	2.25 Mountain Lake Area	RAP 8A	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a) 1998/Trust/ML Sediment Sampling (EKI, 1998) 2000/Trust/Results PSHS Sites (EKI, 2000b) 2001, 2004/Trust/ML RI Summary (URS, 2011)	Trust/RAP 8A (KJ, 2012b)	RAP 8A (KJ, 2012b)	Dredging and Offsite Disposal of Sediment	Trust/ML RDIP (KJ, 2013)	NA	2013/Trust/ML CCR (KJ, 2014) DTSC Approval: 03/13/2014	Erosion Control Monitoring	Mar 2014/ ML CCR (KJ, 2014) DTSC Cert: 03/25/2014	NA
	2.26 NIKE Facility Area	RAP 3	1990, 1992, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 2006/Trust/FIR for NIKE, Bldg 1450/1451, Bldg 1369 (MACTEC, 2007a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, LUN for Soil, No Action and LUC for Groundwater, Monitor Seep/Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUN/LUC (AMEC, 2009b) DTSC Approval: 03/07/2014	2008/Trust/Final RAP 3 CCR (Trust, 2014d) DTSC Approval: 03/28/2014	Seep/groundwater monitoring (AMEC, 2013a)	April 2014/RAP 3 Cert Request (Trust, 2014f). DTSC Cert: 05/15/2014	Groundwater Monitoring (AMEC, 2014c) DTSC Approval: 03/7/2014 with modification
	2.27 NIKE Swale	RAP 3	2000, 2003/Trust/Samp Results Select Main Installation Sites (EKI, 2000a); Nike Swale FSR (EKI, 2004a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Surface/Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014f). DTSC Cert: 05/15/2014	NA
	2.28 Sewer Lift Station #1 Area	RAP 3	1995/Army/Main Installation RI (Dames & Moore, 1997a) 2004/Trust/Six Sites Pre-Remedial Design Inv Report (MACTEC, 2005b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014f). DTSC Cert: 04/23/2014	NA
	2.29 Transfer Station Area	RAP 3	1990, 1992, 1995/Army/Main Installation RI (Dames & Moore, 1997a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014f). DTSC Cert: 04/23/2014	NA
	2.30 Building 302 Area	RAP 3	1995/Army/Main Installation RI (Dames & Moore, 1997a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.31 Building 611 Area	RAP 3	1991/Army/Main Installation RI (Dames & Moore, 1997a)	Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.32 Building 662 Area	RAP 3	1990, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 2004/Trust/Six Sites Pre-Remedial Design Inv Report (MACTEC, 2005b)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	Limited Excavation and Offsite Disposal, LUC for Soil, No Action for Groundwater	RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUC (AMEC Geomatrix, 2011) DTSC Approval: 03/17/2014	2008/Trust/Final RAP 3 CCR (AMEC, 2014d) DTSC Approval: 03/17/2014	NA	Mar 2013/Bldg 662 Cert Request (Trust, 2013) DTSC Cert: 3/17/14	NA
	2.33 Building 680 Area	RAP 3	1987, 1990/Army/Main Installation RI (Dames & Moore, 1997a) 1997-1998/Army/Removal Action/Soil Removal CCR (IT, 1999a)	Army/EE/CA & RAWP (US Army, 1996) Trust/Revised Main Installation Sites FS (EKI, 2003a); Eight Sites Supplemental FS (MACTEC, 2006c)	RAP 3 (MACTEC, 2007b)	Excavation and Offsite Disposal, No Action for Groundwater	RAP 3 Implementation Work Plan (Geomatrix, 2007)	NA	NA	NA	April 2014/RAP 3 Cert Request (Trust, 2014f). DTSC Cert: 04/23/2014	NA
	2.34 Building 1057 Area	RAP 3	1994/Army/Main Installation RI (Dames & Moore, 1997a) 2004/Trust/Removal Action/Sump Cleaning Report (CEM, 2004)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.35 Building 1151/1153 Area	RAP 3	1987/Army/Enhanced PA (ANL, 1989) 1990, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 1989/Army Removal Action/Transformer Removal (E.C. Jordan Company, 1990) 1997/Army Removal Action/Soil Removal CCR (IT Corporation, 1999a)	Army/EE/CA & RAWP (US Army, 1996) Trust/Revised Main Installation Sites FS (EKI, 2003a); Eight Sites Supplemental FS (MACTEC, 2006c)	RAP 3 (MACTEC, 2007b)	LUC for Soil, No Action for Groundwater	NA	LUC (EKI, 2006b) DTSC Approval: 05/16/2014	NA	NA	NA	NA
	2.36 Building 1369 Area	RAP 3	1994/Army/ Main Installation RI (Dames & Moore, 1997a) 2006/Trust/FIR for NIKE, Bldg 1450/1451, Bldg 1369 (MACTEC, 2007a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.37 Building 1388 Area	RAP 3	1994/Army/Main Installation RI (Dames & Moore, 1997a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA
	2.38 Building 1450/1451 Area	RAP 3	1990, 1994/Army/Main Installation RI (Dames & Moore, 1997a) 2001/Trust/Addendum 4 Sampling Results (EKI, 2002b) 2005/Trust/Tank 1451.1 SIR (Geomatrix, 2005), 2006/Trust/ FIR for NIKE, Bldg 1450/1451, Bldg 1369 (MACTEC, 2007a)	Trust/Revised Main Installation Sites FS (EKI, 2003a)	RAP 3 (MACTEC, 2007b)	No Further Action	NA	NA	NA	NA	NA	NA

TABLE 2

## SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES

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Operable Unit	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (RIs) (Date of investigation/Party/Reference)	Feasibility Studies (FSs) (Party/Reference)	RAP and CEQA <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (RD) (Party/Reference and Date of DTSC Approval)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and Date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference and Date of DTSC Certification)	Operation and Maintenance Requirement (Type and Date of DTSC Approval)
2.0. OU 2 - Main Installation	2.39 Sewer Lift Station #2 Area	RAP 3	1994/Army/Main Installation RI (Dames & Moore, 1997a) FS (EKI, 2003a)	Trust/Revised Main Installation Sites	RAP 3 (MACTEC, 2007)	No Further Action	NA	NA	NA	NA	NA	NA
	2.40 Lobos Creek	RAB 8B - (RI)	1990, 1992/Army/Main Installation RI (Dames & Moore, 1997a) 2000, 2002, 2012/Trust/Final RI Lobos Creek (Arcadis, 2013) DTSC Approval: 1/13/2014	NA	NA	No Further Action	NA	NA	NA	NA	NA	NA
3.0 OU 3 - Firing Ranges	3.1 Lobos Creek Protected Range	RAP 4	1996/Army/SIR for Small Arms Firing Ranges (Montgomery Watson, 1997a) 2003/Trust/Small Arms Ranges RI (T&R, 2004a)	Trust/Small Arms Ranges FS (T&R, 2004e)	RAP 4 (EKI, 2009)	No Further Action	NA	NA	NA	NA	NA	NA
	3.2 Lobos Creek Target Butt Range	RAP 4	1996/Army/SIR for Small Arms Firing Ranges (Montgomery Watson, 1997a) 2003/Trust/Small Arms Firing Ranges RI (T&R, 2004a)	Trust/Small Arms Ranges FS (T&R, 2004e)	RAP 4 (EKI, 2009)	No Further Action	NA	NA	NA	NA	NA	NA
	3.3 Machine Gun Butt	RAP 4	1996/Army/SIR for Small Arms Firing Ranges (Montgomery Watson, 1997a) 2003/Trust) Small Arms Firing Ranges RI (T&R, 2004a) 2008/Trust/MGB FIR (EKI, 2008a)	Trust/Small Arms Ranges FS (T&R, 2004e)	RAP 4 (EKI, 2009)	No Further Action	NA	NA	NA	NA	NA	NA
	3.4 CHP Pistol Range	RAP 4	1996/Army/SIR for Small Arms Firing Ranges (Montgomery Watson, 1997a) 2003/Trust/Small Arms Firing Ranges RI (T&R, 2004a)	Trust/Small Arms Ranges FS (T&R, 2004e)	RAP 4 (EKI, 2009)	Excavation and Offsite Disposal	Trust/CHP Pistol Range RAWP (EKI, 2011)	NA	2012/Trust/CHP Pistol Range CCR (EKI, 2012b)	NA	Jun 2012/CHP Range Cert Request (Trust, 2012b) DTSC Cert: 11/16/2012	NA
4.0 OU 4 - Crissy Field Area	4.1 East of Mason (EOM)	Crissy Field Area RAP	1994, 1995/Army/Main Installation RI (Dames & Moore, 1997a)	Army/Main Installation Sites FS (Dames & Moore, 1997b)	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998/Army/CF Pre-Remediation Sampling Summary (IT, 1998a); CF Data Summary Report (US Army, 1998b); CF Closure Report (IT, 1999b)	NA	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.2 Fill Site 7	Crissy Field Area RAP	1990,1992,1994,1995/Army/Main Installation RI (Dames & Moore, 1997a)	Army/Main Installation Sites FS (Dames & Moore, 1997b)	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998/Army/FS7 Closure Sampling (T&R, 2002a)	NA	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.3 Building 640/643 Area	Crissy Field Area RAP	1990,1992, 1994/Army/Main Installation RI (Dames & Moore, 1997a)	Army/Main Installation Sites FS (Dames & Moore, 1997b); 640/643 EE/CA & RAWP (US Army, 1997b)	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998/Army/640/643 Data Report (US Army, 1999a); CF Closure Report (IT, 1999b)	NA	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.4 Building 923/937 Area	Crissy Field Area RAP	1981-1992/Army/937 Characterization Report (Watkins-Johnson, 1993), Main Installation RI (Dames & Moore, 1997a) 1992 and 1994 Removal Actions/Army/937 UVB System Update (Dames & Moore, 1997c) 2002, 2005-2006/Trust/Vapor Intrusion Sampling Report (EKI, 2006b)	Army/Main Installation Sites FS (Dames & Moore, 1997b); 923/937 EE/CA & RAWP (US Army, 1997c)	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b) Trust/ B937 Remedial Construction Work Plan, Addendum and RD (EKI, 2008b and 2008d) DTSC Approval: 04/30/2008	LUC (Trust, 2013e) DTSC Approval: 03/17/2014	1998/Army/CF Closure Report (IT, 1999b); 923/937 Data Summary Report (US Army, 1999c) 2011/Trust/937 CCR (EKI, 2012a)	Indoor air, ambient air, and sub-slab vapor sampling (Trust 2013d)	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) Nov 2013/Post-Remediation Subslab Vapor Data and Cert Request (Trust, 2013d) DTSC Cert: 03/17/2014	NA
	4.5 Building 924 Firing Range	Crissy Field Area RAP	1996/Army/SIR for Small Arms Firing Ranges (Montgomery Watson, 1997a)	NA	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998/Army/CF Pre-Remediation Sampling Summary (IT, 1998a); CF Closure Report (IT, 1999b); 924 Firing Range Data Summary Report (US Army, 1999b)	NA	Jul 2004/ CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.6 Building 950 Area	Crissy Field Area RAP	1990, 1994,1995/Army/Main Installation RI (Dames & Moore, 1997a)	Army/Main Installation Sites FS (Dames & Moore, 1997b); 950 EE/CA & RAWP (US Army, 1997d)	CF RAP (US Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998-1999/Army/B950 Data Summary Report (US Army,1999d); CF Closure Report (IT, 1999b)	NA	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA

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Operable Unit	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (RIs) (Date of investigation/Party/Reference)	Feasibility Studies (FSs) (Party/Reference)	RAP and CEQA <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (RD) (Party/Reference and Date of DTSC Approval)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and Date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference and Date of DTSC Certification)	Operation and Maintenance Requirement (Type and Date of DTSC Approval)
4.0 OU 4 - Crissy Field Area	4.7 Building 979 Area	Crissy Field Area RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	NA	CF RAP (Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998/Army/Bldg 900s CCR (T&R, 2003b)	Groundwater Monitoring/Bldg 900s 5-Year (EKI, 2008c)	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.8 Crissy Field Rifle Institute and Skeet Ranges	Crissy Field Area RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a); SIR for Small Arms Firing Ranges (Montgomery Watson, 1997) 2000/Trust/CFRI & Skeet Range SIR (T&R, 2001)	NA	CF RAP (Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b) Trust/CFRI SR WP (T&R, 2001b)	NA	2002/Trust/CF Rifle and Skeet RA Excavation Report (T&R, 2003a)	NA	Jul 2004/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup> Jul 2008/Rev CF Cert Request (Trust, 2008a) DTSC Cert: 1/21/11	NA
	4.9 Contingency Action Plan Sites	Crissy Field Area RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	NA	CF RAP (Army, 1998a)	Excavation and Offsite Disposal	Army/CF RAWP (IT, 1998b)	NA	1998-2001/Army/Trust/CF OU4 Implementation Report (EKI, 2004b) <sup>(4)</sup>	NA	Jul 2008/Rev CF Cert Request (Trust, 2008a) <sup>(4)</sup> DTSC Cert: 1/21/11	NA
5.0 OU 5 Directorate of Engineering and Housing (DEH) Area	5.1 Building 268 Area	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	Army/DEH RAP (US Army, 1997a)	DEH RAP (US Army, 1997a)	Excavation and Offsite Disposal	Army/DEH Remediation Work Plan (IT, 1997b)	NA	1997-1998/Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul/2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
	5.2 Building 269 Area	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	Army/DEH RAP (US Army, 1997a)	DEH RAP (US Army, 1997a)	Excavation and Offsite Disposal	DEH Remediation Work Plan (IT, 1997b)	NA	1997-1998/Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul 2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
	5.3 Building 283 Area	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	DEH RAP (US Army, 1997a)	Army/DEH RAP (US Army, 1997a)	Excavation and Offsite Disposal - No excavation performed based on pre-excavation sampling.	DEH Remediation Work Plan (IT, 1997b)	NA	Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul 2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
	5.4 Building 286 Area	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	DEH RAP (US Army, 1997a)	Army/DEH RAP (US Army, 1997a)	Excavation and Offsite Disposal	DEH Remediation Work Plan (IT, 1997)	NA	1997-1998/Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul 2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
5.0 OU 5 Directorate of Engineering and Housing (DEH) Area	5.5 Buildings 292/293 Area	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a)	DEH RAP (US Army, 1997a)	Army/DEH RAP (US Army, 1997a)	Excavation and Offsite Disposal	DEH Remediation Work Plan (IT, 1997b)	NA	1997-1998/Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul 2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
	5.6 DEH Area (Groundwater)	DEH RAP	1990-1995/Army/Main Installation RI (Dames & Moore, 1997a) 2003-2004/Trust/Basewide Groundwater Monitoring Reports	DEH RAP (US Army, 1997a)	Army/DEH RAP (US Army, 1997a)	Groundwater Monitoring	DEH Remediation Work Plan (IT, 1997b)	NA	Army/DEH Closure Report (MACTEC, 2003); DEH Closure Report Addendum (T&R, 2004d)	Groundwater Monitoring <sup>(5)</sup>	Jul 2004/DEH Area Cert Request (Trust, 2004) DTSC Cert: 12/20/2006	NA
6.0 OU 6 - Miscellaneous Sites	6.1 Tank Site 1362	NA	1996 Removal Action/Army/Tank Removal Report (Montgomery Watson, 1997b), Tank Closure Report (IT, 1998c).	NA	NA	Tank Removal	NA	NA	NA	NA	02/2011/Tank 1362 Cert Request (Trust, 2011a) DTSC Cert: 4/19/2011	NA
	6.2 Tank Sites LR0101.1/LR0101.2	NA	1989,1993/Army/Enhanced PA (ANL, 1989), Confirmatory Survey (Oak Ridge, 1993) 1994-1995/NPS/Environmental Condition Assessment, (Iris, 2000) 2000-2002 Removal Action/Trust/LDAC Closure Report (Harding ESE, 2002)	NA	NA	Building Demolition/Tank Removal	NA	NA	LDAC Closure Report (Harding ESE, 2002).	NA	09/2002/LDAC NFA Determination (Trust 2002) DTSC Cert: 11/4/2002	NA

**Footnotes:**

(1) DTSC signed approved RAP

(2) Institutional controls are documented in site specific addenda to Land Use Control Master Reference Report

(3) Building 609 Area and Building 633 Firing Range are part of the larger Commissary/PX LUC Area

(4) July 2004 CF OU4 Implementation Report (EKI, 2004b) provided a summary of construction completion documents for the purposes of site certification.

(5) Evaluation of groundwater monitoring results was presented in the request for certification.

**Acronyms:**

BBDA = Baker Beach Disturbed Area

BHW = Battery Howe Wagner

CF = Crissy Field

CHP = California Highway Patrol

CCR = Construction completion report

DEH = Department of Engineering and Housing

EE/CA = Engineering Evaluation/Cost analysis

FIR = Field Investigation Report

FR = Field Report

FS1 = Fill Site 1

FS6A = Fill Site 6A

FS7 = Fill Site 7

FS = Feasibility Study

FSR = Field Sampling Report

GA9 = Graded Area 9

LDAC = Letberman Digital Arts Center

LF = Landfill

LUC = Land Use Control

LUN = Land Use Notification

ML = Mountain Lake

NA = Not applicable

OU = Operable Unit

PA = Preliminary Assessment

PHSH = Public Health Service Hospital

RAP = Remedial Action Plan

RAWP = Remedial Action Work Plan

RD = Remedial Design

RI = Remedial Investigation

ROD = Record of Decision

SI = Site Investigation

SIR = Site Investigation Report

**TABLE 2**  
**SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES**  
 Basewide Report of Compliance  
 Presidio of San Francisco, California

**References:**

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**TABLE 2**  
**SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES**  
 Basewide Report of Compliance  
 Presidio of San Francisco, California

**References:**

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 Trust, 2009c. Certification and Closure Request, Landfill 4, Presidio of San Francisco. May. (LF4 Cert Request).  
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**TABLE 2**  
**SUMMARY OF RESPONSE ACTION PROCESS FOR LISTED SITES**  
 Basewide Report of Compliance  
 Presidio of San Francisco, California

**References:**

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**TABLE 3**  
**SUMMARY OF RESPONSE ACTION PROCESS FOR NON-LISTED SITES REMEDIATED UNDER THE CONSENT AGREEMENT**  
**Basewide Report of Compliance**  
**Presidio of San Francisco, California**

Site Group	Site	Remedial Action Plan (RAP) Designation	Remedial Investigations (Date of Investigation/Party/Reference)	Feasibility Studies (Party/Reference)	Remedial Action Plans (RAPs) and CEQA Documentation <sup>(1)</sup> (Reference)	Selected Remedial Action	Remedial Design (Party/Reference)	Institutional Controls <sup>(2)</sup> (Type of control, reference document, and date of DTSC approval)	Implementation of Final RAP and Construction Completion Report (CCR) (Dates/Party/Reference and Date of DTSC Approval)	Post Remediation Monitoring Requirement (Type and Date of DTSC Approval)	Certification (Trust Request Date/Reference Date of DTSC Certification)	Operation and Maintenance Requirement
7.0 Additional Sites (Not Listed in Consent Agreement, Addressed in Existing RAPs)	7.1 Baker Beach Disturbed Area 2A	RAP 3	2003-2004/Trust/ Pre-Remedial Design Investigation Report (MACTEC, 2005) 2006/Trust/BBDAs FIR (MACTEC, 2006a)	Trust/Eight Sites, Supplemental FS (MACTEC, 2006b)	RAP 3 (MACTEC, 2007a)	Excavation and Offsite Disposal, Recycle Debris, Monitor Seep Water	Trust/BBDAs 1 and 2A RD (MACTEC, 2007b)	NA	2007-2008/Trust/BBDAs 1 and 2A CCR (MACTEC, 2008) DTSC Approval: 2/12/2014	Erosion Control Monitoring	Dec 2008/ BB2A Cert Request (Trust, 2008) DTSC Cert: 05/15/2014	NA
	7.2 Former Railroad Tracks Area	RAP 3	2002-2003/Trust/SIR (T&R, 2003)	Trust/Eight Sites Supplemental FS (MACTEC, 2006b)	RAP 3 (MACTEC, 2007a)	Limited Excavation and Offsite Disposal, LUC and Maintain Existing Cover for Soil, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUC (AMEC Geomatrix, 2009) <sup>(3)</sup> DTSC Approval: 03/26/2014	2008/Trust/Final RAP 3 CCR (AMEC, 2014) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014). DTSC Cert: 04/23/2014	NA
	7.3 Former Coal Storage Bin Area	RAP 3	2002-2003/Trust/SIR (T&R, 2003)	Trust/Eight Sites Supplemental FS (MACTEC, 2006b)	RAP 3 (MACTEC, 2007a)	Limited Excavation and Offsite Disposal, Cover and LUC for Soil, No Action for Groundwater	Trust/RAP 3 Implementation Work Plan (Geomatrix, 2007)	LUC (AMEC Geomatrix, 2009) <sup>(3)</sup> DTSC Approval: 03/26/2014	2009/Trust/Final RAP 3 CCR (AMEC, 2014) DTSC Approval: 03/28/2014	NA	April 2014/RAP 3 Cert Request (Trust, 2014). DTSC Cert: 04/23/2014	NA
	7.4 Barnard Avenue Protected Range	RAP 6C	1996/Army/ SIR for Small Arms Firing Ranges (MW, 1997) 2003/Trust/Small Arms Firing Ranges RI (T&R, 2004a), BAPR RI Summary Report (Geosyntec, 2012) DTSC Approval: 02/27/2012	Trust/Small Arms Firing Ranges FS (T&R, 2004b); BAPR RAW (Geosyntec, 2013) DTSC Approval: 04/23/2013	BAPR RAW (Geosyntec, 2013) DTSC Approval: 04/23/2013	Excavation and Offsite Disposal	Trust/BAPR RAW (Geosyntec, 2013) DTSC Approval: 04/23/2013	LUC/LUN (Geosyntec, 2014a & 2014b) DTSC Approval: 05/09/2014	2014/Trust/BAPR CCR (Geosyntec, 2014c) DTSC Approval: 05/09/2014	Erosion Control Monitoring	May 2014/BAPR CCR (Geosyntec, 2014c) DTSC Cert: 05/12/2014	NA
	7.5 PSH Fill Site	RAP 4	1990/Army/PHSH RI (Stollar, 1993) 2007-2008/Trust/LF8, LF10, PSH Fill FS (EKI, 2008)	Trust/LF8, LF10, PSH Fill FS (EKI, 2008)	RAP 4 (EKI, 2009)	Permeable Cover, LUC	NA	LUC (Trust, 2011) DTSC Approval: 3/26/2014	NA	NA	Jan 2013/ PSH Fill Cert Request (Trust, 2013) DTSC Cert: 05/13/2014	NA

**Footnotes:**

(1) Referenced document was signed/approved by DTSC

(2) Institutional controls are documented in site specific addenda to Land Use Control Master Reference Report

(3) Former Railroad Tracks and Former Coal Storage Bin areas are part of the larger Commissary/PX LUC Area.

**Acronyms:**

BAPR = Barnard Avenue Protected Range  
BBDAs = Baker Beach Disturbed Areas  
CCR = Construction Completion Report

DTSC = Department of Toxic Substances Control  
FIR = Field Investigation Report  
FS = Feasibility Study

LUC = Land Use Control  
NA = Not Applicable  
PHSH = Public Health

RAP = Remedial Action Plan  
RAW = Remedial Action Workplan  
RI= Remedial Investigation  
SIR = Site Investigation Report

**References:**

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 Geosyntec, 2014b. Barnard Avenue Protected Range Land Use Control, Site Specific Addendum to the Presidio Trust Land Use Controls Master Reference Report. May 2. (BAPR LUC; LUCMRR Addendum).  
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 MACTEC, 2007b. Final Remedial Design Document and Remedial Action Work Plan, Baker Beach Disturbed Areas 1 and 2A, Presidio of San Francisco, California. July. (BBDAs 1 and 2A RD).  
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 T&R, 2004a. Draft Small Arms Firing Ranges Remedial Investigation Report, Presidio of San Francisco, California. February. (Small Arms Firing Ranges RI).  
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 Trust, 2011. PSH Fill Site Site-Specific Addendum to the Presidio Trust Land Use Controls Master Reference Report. May. (PHSH Fill LUCMRR Addendum).  
 Trust, 2013. Certification Request, PSH Fill Site, Presidio of San Francisco. January 24. (PHSH Fill Cert Request).  
 Trust, 2014. Transmittal of the Final Construction Completion Report and Site Certification Request, RAP 3 - 12 Main Installation Sites, Presidio of San Francisco, California. April 7. (RAP 3 Site Cert Request).

TABLE 4

**SUMMARY OF STATUS OF ADDITIONAL NON-LISTED SITES ASSESSED UNDER OU 7**

Basewide Report of Compliance  
Presidio of San Francisco, California

Site Name	Reference Document	Trust's Request for NFA or VCA/Date	DTSC Guidance Received
Battery Frontal Slopes	<i>Site Summary and Evaluation of Potential Hazardous Substance Releases, Battery Frontal Slopes, Presidio of San Francisco, California</i>	02/05/2014	Additional investigation and PEA; March 4, 2014; VCA
Merchant Road Fill Site	<i>Revised Site Summary, Screening Risk Evaluation and Evaluation of Potential Hazardous Substances Releases, Merchant Road Fill Site, Presidio of San Francisco, California</i>	04/4/2014	NFA; May 9, 2014
Old Fill	<i>Data Summary Report and Risk Screening Evaluation, Old Fill Study Area</i>	8/11/2013	NFA; January 29, 2014
Bluff Skeet Range	<i>Bluff Skeet Range Evaluation and Investigation</i>	3/7/2014	Additional Investigation; April 8, 2014; VCA
Slag Dump	<i>Slag Dump Evaluation</i>	1/6/2014	NFA; January 31, 2014
Lendrum Court	<i>Lendrum Court Investigation Summary Report and Screening Risk Evaluation</i>	Report and VCA Application 2/28/14	Report Approved; March 7, 2014; Further Action; VCA
Sewer Lift Station 1 (SLF1) Parking Area	<i>Review and Assessment of the Sewer Lift Station 1 (SLS1) Parking Lot Area</i>	3/14/2014	Additional Investigation; May 9, 2014; VCA

TABLE 4

**SUMMARY OF STATUS OF ADDITIONAL NON-LISTED SITES ASSESSED UNDER OU 7**

Basewide Report of Compliance  
Presidio of San Francisco, California

Site Name	Reference Document	Trust's Request for NFA or VCA/Date	DTSC Guidance Received
Miscellaneous Sites on IT List	<i>Request for No Further Action Building 644, Miscellaneous Site Study</i>	7/12/2013, 9/9/13, and 1/27/14	NFA; 2/5/2014
	<i>Transmittal of Review and Assessment of Area B Buildings, Investigation of Potential Sites Identified in 1999 IT Report, Presidio of San Francisco, California</i>	05/02/2014	Additional Information for 7 Sites/Further Action under VCA for 8 Sites/NFA for Remaining Sites; May 13, 2014
	<i>Review and Assessment of Area A Buildings – including Coast Guard Buildings, Investigation of Potential Sites Identified in 1999 IT Report, Presidio of San Francisco - Request for NFA</i>	05/05/2014	Additional Information for Coast Guard and Golden Gate Bridge District Sites/NFA for Remaining Sites; May 13, 2014

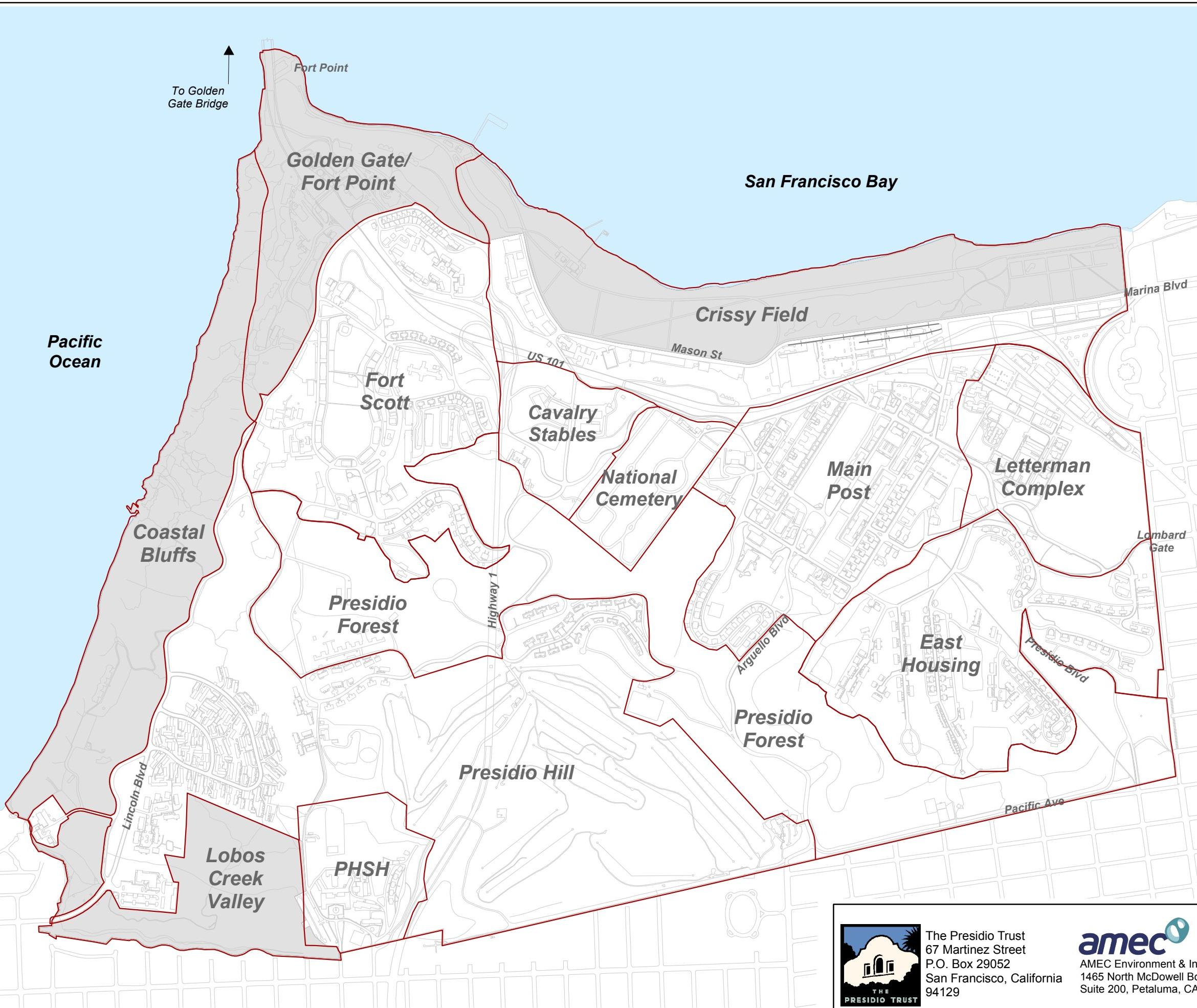
**Notes:**

NFA = No Further Action

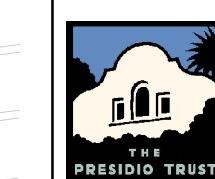
VCA = Voluntary Cleanup Agreement

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**FIGURES**



0 500 1,000 2,000  
Feet



The Presidio Trust  
67 Martinez Street  
P.O. Box 29052  
San Francisco, California  
94129

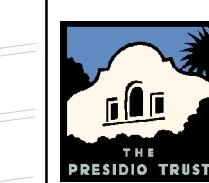
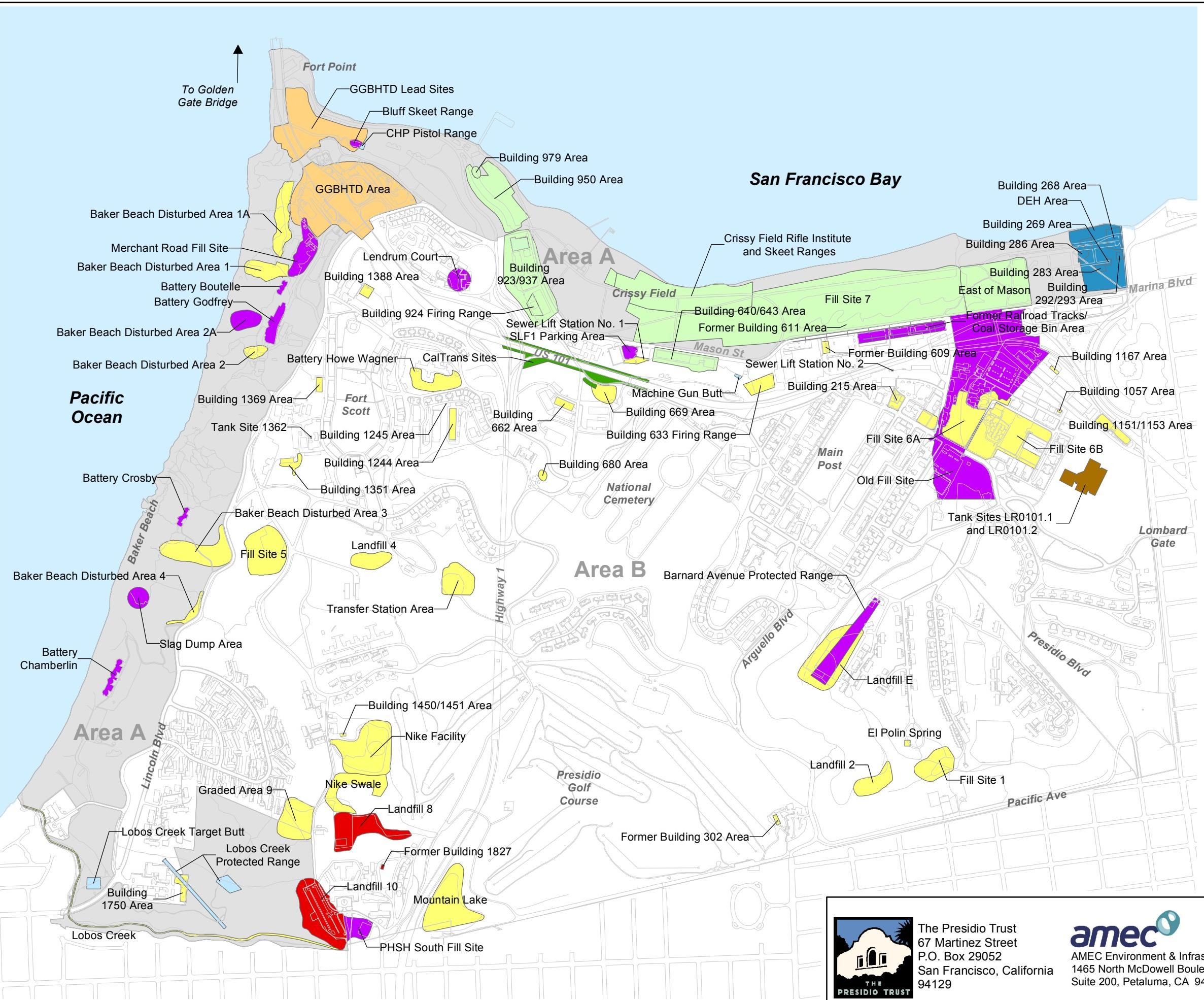


AMEC Environment & Infrastructure, Inc.  
1465 North McDowell Boulevard  
Suite 200, Petaluma, CA 94954

PRESIDIO LOCATION MAP  
Basewide Report of Compliance  
Presidio of San Francisco, California

Date: 1/2014	By: TJH	Project No.: OD13165420
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Figure:



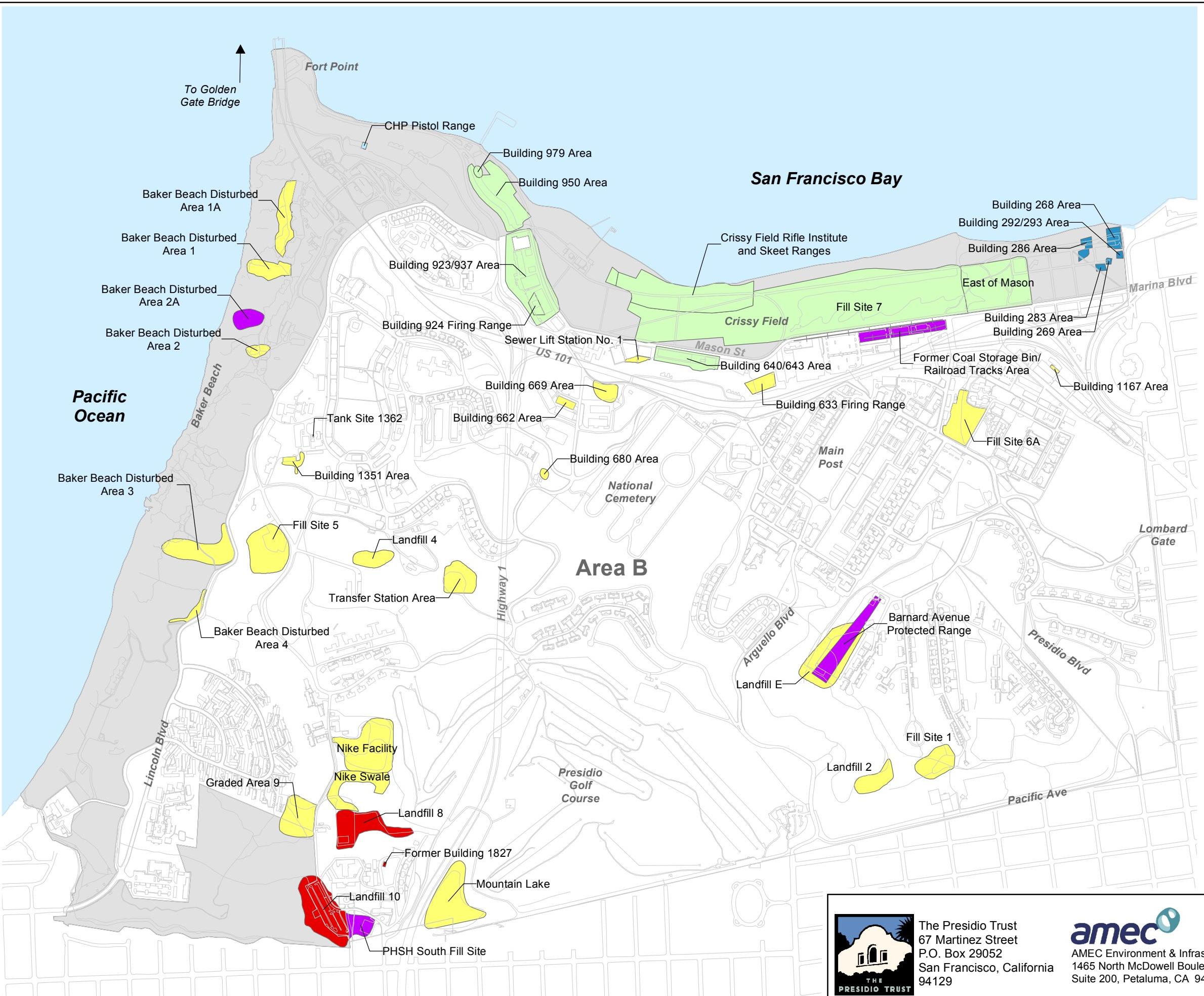
The Presidio Trust  
67 Martinez Street  
P.O. Box 29052  
San Francisco, California  
94129

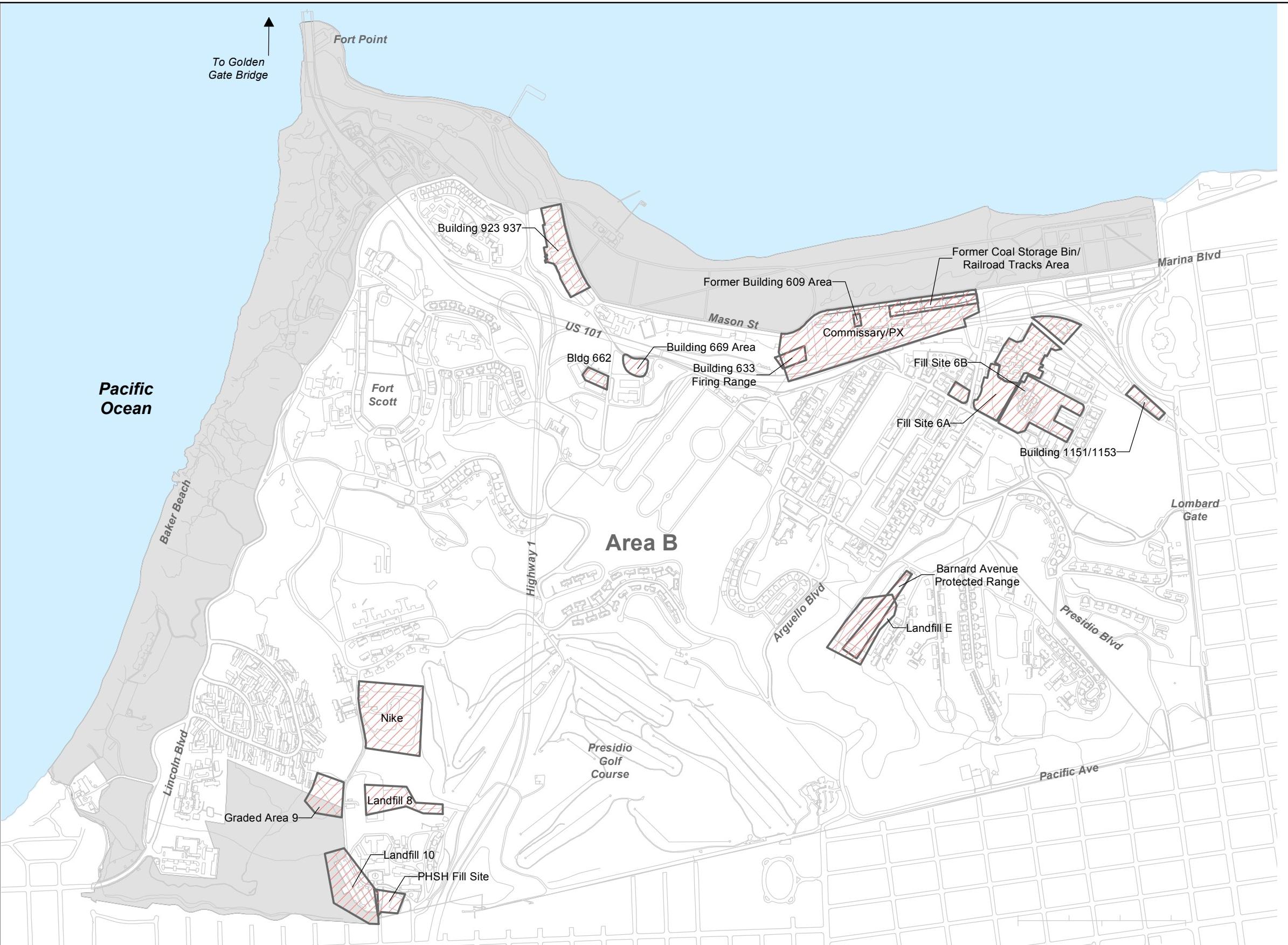


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1465 North McDowell Boulevard  
Suite 200, Petaluma, CA 94954

OPERABLE UNITS AND SITES  
Basewide Report of Compliance  
Presidio of San Francisco, California

Date: 1/2014	By: TJH	Project No.: OD13165420
	Figure:	2





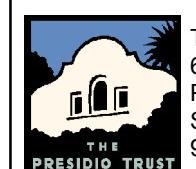
#### EXPLANATION

- Area A - Stewardship by the National Parks Service
- Area B - Stewardship by the Presidio Trust
- Long-Term Monitoring and Land Use Control Site

Note: Former Building 609, Former Railroad Tracks, Former Coal Storage Bin, and Building 633 Firing Range are part of the Commissary/PX LUC Area.



0 500 1,000 2,000  
Feet



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94129



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Suite 200, Petaluma, CA 94954

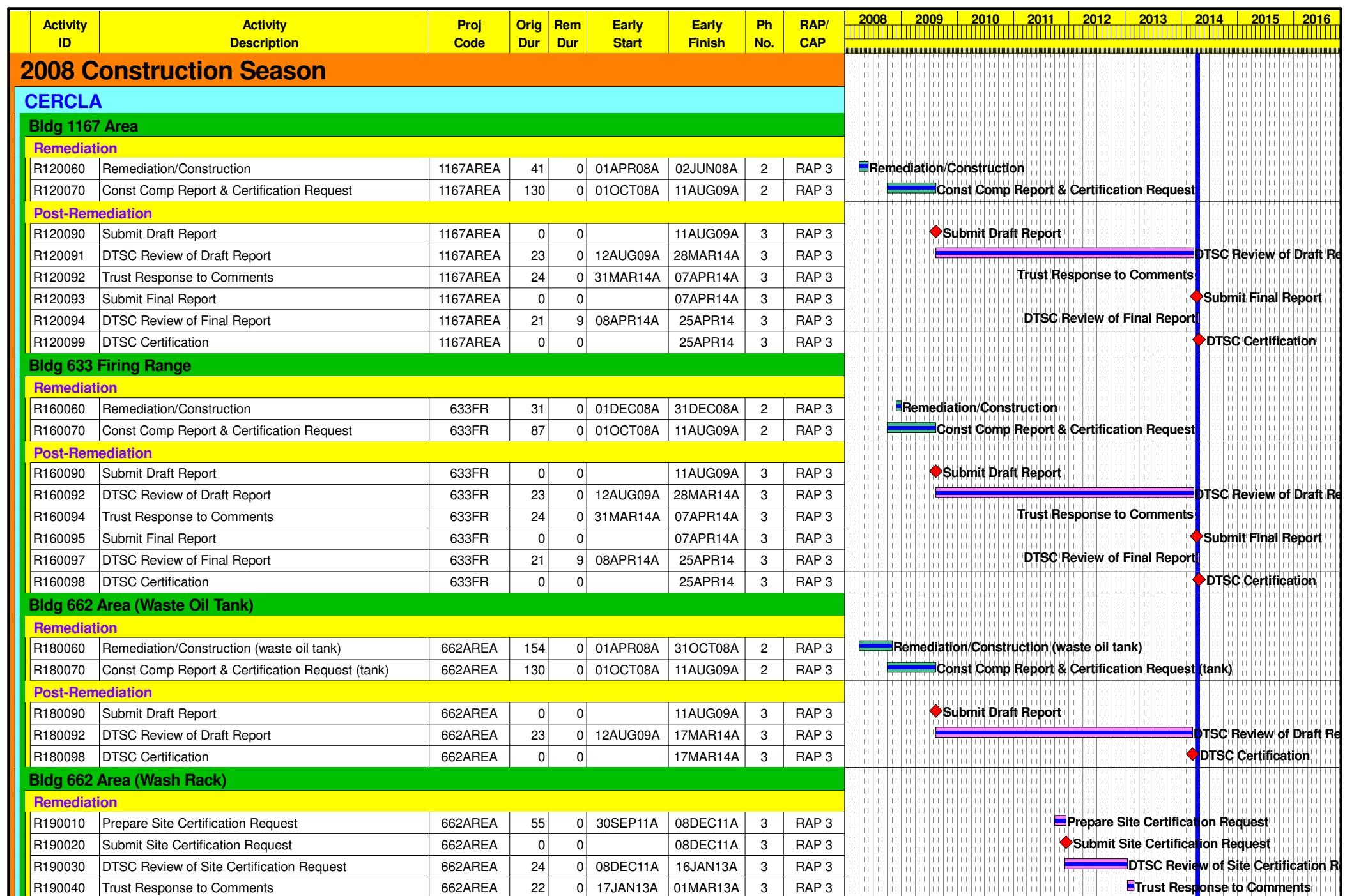
LONG-TERM MONITORING AND LAND USE CONTROL SITES  
Basewide Report of Compliance  
Presidio of San Francisco, California

Date: 1/2014	By: TJH	Project No.: OD13165420
	Figure:	

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**APPENDIX A**

Trust Remediation Program Schedule



Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
	<b>Post-Remediation</b>																
R190050	Submit Final Site Certification	662AREA	0	0		01MAR13A	3	RAP 3									Submit Final Site Certification
R190060	DTSC Review of Final Site Certification	662AREA	120	0	04MAR13A	17MAR14A	3	RAP 3									DTSC Certification
R190070	DTSC Certification	662AREA	0	0		17MAR14A	3	RAP 3									
	<b>Bldg 669 Area</b>																
	<b>Remediation</b>																
R200060	Remediation/Construction	669AREA	154	0	01APR08A	30NOV08A	2	RAP 3									Remediation/Construction
R200070	Const Comp Report & Certification Request	669AREA	130	0	01OCT08A	11AUG09A	2	RAP 3									Const Comp Report & Certification Request
	<b>Post-Remediation</b>																
R200090	Submit Draft Report	669AREA	0	0		11AUG09A	3	RAP 3									Submit Draft Report
R200092	DTSC Review of Draft Report	669AREA	23	0	12AUG09A	28MAR14A	3	RAP 3									DTSC Review of Draft Re
R200094	Trust Response to Comments	669AREA	24	0	31MAR14A	07APR14A	3	RAP 3									Trust Response to Comments
R200095	Submit Final Report	669AREA	0	0		07APR14A	3	RAP 3									Submit Final Report
R200097	DTSC Review of Final Report	669AREA	21	9	08APR14A	25APR14	3	RAP 3									DTSC Review of Final Report
R200098	DTSC Certification	669AREA	0	0		25APR14	3	RAP 3									DTSC Certification
	<b>Bldg 680 Area</b>																
	<b>Remediation</b>																
R220060	Remediation/Construction	680AREA	103	0	01APR08A	01SEP08A	2	RAP 3									Remediation/Construction
R220070	Const Comp Report & Certification Request	680AREA	130	0	01OCT08A	11AUG09A	2	RAP 3									Const Comp Report & Certification Request
	<b>Post-Remediation</b>																
R220090	Submit Draft Report	680AREA	0	0		11AUG09A	3	RAP 3									Submit Draft Report
R220091	DTSC Review of Draft Report	680AREA	23	0	12AUG09A	28MAR14A	3	RAP 3									DTSC Review of Draft Re
R220093	Trust Response to Comments	680AREA	24	0	31MAR14A	07APR14A	3	RAP 3									Trust Response to Comments
R220094	Submit Final Report	680AREA	0	0		07APR14A	3	RAP 3									Submit Final Report
R220095	DTSC Review of Final Report	680AREA	21	9	08APR14A	25APR14	3	RAP 3									DTSC Review of Final Report
R220099	DTSC Certification	680AREA	0	0		25APR14	3	RAP 3									DTSC Certification
	<b>Baker Beach 1</b>																
	<b>Remediation</b>																
R240060	Punchlist Completion	BB1	44	0	01APR08A	30MAY08A	2	RAP 3									Punchlist Completion
R240070	Construction Completion Report	BB1	130	0	01APR08A	02DEC08A	2	RAP 3									Construction Completion Report
	<b>Post-Remediation</b>																
R240089	Submit Report	BB1	0	0		02DEC08A	3	RAP 3									Submit Report
R240090	Groundwater Monitoring	BB1	262	0	01APR08A	30MAR11A	3	RAP 3									Groundwater Monitoring
R240092	DTSC Certification Request	BB1	131	0	01JUN11A	20JUN12A	3	RAP 3									DTSC Certification Request
R240093	Submit Certification Request	BB1	0	0		20JUN12A	3	RAP 3									Submit Certification Request
R240094	DTSC Review Certification	BB1	66	0	21JUN12A	12FEB14A	3	RAP 3									DTSC Review Certification
R240095	DTSC Certification	BB1	0	0		25APR14*	3	RAP 3									DTSC Certification
R240096	Well Abandonment	BB1	23	0	26DEC13A	27DEC13A	3	RAP 3									Well Abandonment
	<b>Baker Beach 2A</b>																
	<b>Remediation</b>																
R250060	Punchlist Completion	BB2A	44	0	01APR08A	30MAY08A	2	RAP 3									Punchlist Completion
R250070	Const Comp Report & Certification Request	BB2A	130	0	01APR08A	02DEC08A	2	RAP 3									Const Comp Report & Certification Request

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
	<b>Post-Remediation</b>																
R250089	Submit Certification Request	BB2A	0	0		02DEC08A	3	RAP 3									
R250090	DTSC Review Certification	BB2A	980	0	03DEC08A	12FEB14A	3	RAP 3									
R250092	DTSC Certification	BB2A	0	0		25APR14*	3	RAP 3									
	<b>Baker Beach 3</b>																
	<b>Post-Remediation</b>																
R260080	DTSC Certification Request	BB3	42	0	31MAR09A	11MAY09A	3	RAP 2									
R260085	DTSC Review Certification	BB3	700	0	12MAY09A	19NOV12A	3	RAP 2									
R260090	DTSC Certification	BB3	0	0		19NOV12A	3	RAP 2									
R260095	Well Abandonment - Coordination with NPS	BB3	87	0	31DEC12A	30JUL13A	3	RAP 2									
R260096	Well Abandonment	BB3	22	0	31JUL13A	04SEP13A	3	RAP 2									
	<b>Baker Beach 4</b>																
	<b>Post-Remediation</b>																
R270080	DTSC Certification Request	BB4	42	0	31MAR09A	11MAY09A	3	RAP 2									
R270090	DTSC Review Certification	BB4	700	0	12MAY09A	19NOV12A	3	RAP 2									
R270092	DTSC Certification	BB4	0	0		19NOV12A	3	RAP 2									
	<b>Bldg 1351 Area</b>																
	<b>Remediation</b>																
R140060	Remediation/Construction	BLDG1351	82	0	01MAY08A	01SEP08A	2	RAP 3									
R140070	Const Comp Report & Certification Request	BLDG1351	130	0	01OCT08A	11AUG09A	2	RAP 3									
	<b>Post-Remediation</b>																
R140090	Submit Draft Report	BLDG1351	0	0		11AUG09A	3	RAP 3									
R140091	DTSC Review of Draft Report	BLDG1351	23	0	12AUG09A	28MAR14A	3	RAP 3									
R140092	Trust Response to Comments	BLDG1351	24	0	31MAR14A	07APR14A	3	RAP 3									
R140093	Submit Final Report	BLDG1351	0	0		07APR14A	3	RAP 3									
R140094	DTSC Review of Final Report	BLDG1351	21	9	08APR14A	25APR14	3	RAP 3									
R140099	DTSC Certification	BLDG1351	0	0		25APR14	3	RAP 3									
	<b>Crissy Field Close-Out</b>																
	<b>Post-Remediation</b>																
R130020	5-Yr Review & Certification Request	CFC	45	0	02JUN08A	25JUL08A	3	RAP CF									
R130030	DTSC Certification	CFC	0	0		25JAN11A	3	RAP CF									
R130096	Well Abandonment NPS Coordination	CFC	22	0	01FEB11A	25MAR13A	3	RAP CF									
R130098	Well Abandonment	CFC	88	0	01MAY13A	28JUN13A	3	RAP CF									
	<b>Coal Storage Site &amp; RR Tracks</b>																
	<b>Remediation</b>																
R280060	Remediation/Construction	COMPX	30	0	01APR08A	15MAY08A	2	RAP 3									
R280070	Const Comp Report & Certification Request	COMPX	130	0	01OCT08A	11AUG09A	2	RAP 3									
	<b>Post-Remediation</b>																
R280090	Submit Draft Report	COMPX	0	0		11AUG09A	3	RAP 3									
R280091	DTSC Review of Draft Report	COMPX	23	0	12AUG09A	28MAR14A	3	RAP 3									
R280092	Trust Response to Comments	COMPX	24	0	31MAR14A	07APR14A	3	RAP 3									
R280093	Submit Final Report	COMPX	0	0		07APR14A	3	RAP 3									
R280094	DTSC Review of Final Report	COMPX	21	9	08APR14A	25APR14	3	RAP 3									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R280099	DTSC Certification	COMPX	0	0		25APR14	3	RAP 3									
<b>Fill Site 5</b>																	
<b>Post-Remediation</b>																	
R120020	Site Certification Request	FS5	64	0	01JAN09A	02MAR09A	3	RAP1									
R120022	DTSC Review of Request	FS5	520	0	03MAR09A	29NOV12A	3	RAP1									
R120030	DTSC Certification	FS5	0	0		29NOV12A	3	RAP1									
R120096	Well Abandonment	FS5	109	0	01JAN13A	11JUL13A	3	RAP1									
<b>Fill Site 6A</b>																	
<b>Post-Remediation</b>																	
R430020	Site Certification Request	FS6A	64	0	01JAN09A	24AUG09A	3	RAP 2									
R430033	DTSC Review of Request	FS6A	520	0	24AUG09A	07APR14A	3	RAP 2									
R430040	DTSC Certification	FS6A	0	0		07APR14A	3	RAP 2									
R430096	Well Abandonment	FS6A	45	0	26DEC13A	27DEC13A	3	RAP 2									
<b>Landfill 4</b>																	
<b>Post-Remediation</b>																	
R110020	Site Certification Request	LF4	64	0	01JAN09A	05MAY09A	3	RAP1									
R110022	DTSC Review of Request	LF4	500	0	06MAY09A	29NOV12A	3	RAP1									
R110030	DTSC Certification	LF4	0	0		29NOV12A	3	RAP1									
R110040	Well Abandonment	LF4	109	0	01JAN13A	15JUL13A	3	RAP1									
<b>NIKE Facility</b>																	
<b>Remediation</b>																	
R300060	Remediation/Construction	NIKE	154	0	02JUN08A	28NOV08A	2	RAP 3									
R300070	Construction Completion Report	NIKE	130	0	31DEC08A	11AUG09A	2	RAP 3									
<b>Post-Remediation</b>																	
R300094	Submit Draft Report	NIKE	0	0		11AUG09A	3	RAP 3									
R300095	DTSC Review of Draft Report	NIKE	23	0	12AUG09A	06DEC13A	3	RAP 3									
R300096	DTSC Approval of Final CCR	NIKE	0	0		06DEC13A	3	RAP 3									
R300099	Groundwater Monitoring	NIKE	261	0	03NOV08A	30MAR12A	3	RAP 3									
R300100	DTSC Certification Request & GW Analysis	NIKE	85	0	02NOV11A	15NOV12A	3	RAP 3									
R300101	Submit Certification Request & GW Analysis	NIKE	0	0		24JAN13A	3	RAP 3									
R300102	DTSC Review Certification & GW Analysis	NIKE	21	0	25JAN13A	14FEB14A	3	RAP 3									
R300104	DTSC Certification	NIKE	0	0		25APR14*	3	RAP 3									
R300106	Well Abandonment	NIKE	65	0	26DEC13A	27DEC13A	3	RAP 3									
<b>NIKE Swale</b>																	
<b>Remediation</b>																	
R320060	Remediation/Construction	NS	154	0	02JUN08A	15DEC08A	2	RAP 3									
R320070	Const Comp Report & Certification Request	NS	130	0	01OCT08A	11AUG09A	2	RAP 3									
<b>Post-Remediation</b>																	
R320090	Submit Draft Report	NS	0	0		11AUG09A	3	RAP 3									
R320091	DTSC Review of Draft Report	NS	23	0	12AUG09A	06DEC13A	3	RAP 3									
R320095	DTSC Approval of Final CCR	NS	0	0		06DEC13A	3	RAP 3									
R320099	DTSC Certification	NS	0	0		25APR14*	3	RAP 3									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
	<b>Sewer Lift Station 1</b>																
	<b>Remediation</b>																
R340060	Remediation/Construction	SLS1	102	0	01APR08A	01SEP08A	2	RAP 3									
R340070	Const Comp Report & Certification Request	SLS1	130	0	01OCT08A	11AUG09A	2	RAP 3									
	<b>Post-Remediation</b>																
R340090	Submit Draft Report	SLS1	0	0		11AUG09A	3	RAP 3									
R340091	DTSC Review of Draft Report	SLS1	23	0	12AUG09A	28MAR14A	3	RAP 3									
R340092	Trust Response to Comments	SLS1	24	0	31MAR14A	07APR14A	3	RAP 3									
R340093	Submit Final Report	SLS1	0	0		07APR14A	3	RAP 3									
R340094	DTSC Review of Final Report	SLS1	21	9	08APR14A	25APR14	3	RAP 3									
R340099	DTSC Certification	SLS1	0	0		25APR14	3	RAP 3									
	<b>Transfer Station</b>																
	<b>Remediation</b>																
R360060	Remediation/Construction	TS	154	0	01AUG08A	28NOV08A	2	RAP 3									
R360070	Const Comp Report & Certification Request	TS	130	0	01OCT08A	11AUG09A	2	RAP 3									
	<b>Post-Remediation</b>																
R360090	Submit Draft Report	TS	0	0		11AUG09A	3	RAP 3									
R360091	DTSC Review of Draft Report	TS	23	0	12AUG09A	28MAR14A	3	RAP 3									
R360092	Trust Response to Comments	TS	24	0	31MAR14A	07APR14A	3	RAP 3									
R360093	Submit Final Report	TS	0	0		07APR14A	3	RAP 3									
R360094	DTSC Review of Final Report	TS	21	9	08APR14A	25APR14	3	RAP 3									
R360099	DTSC Certification	TS	0	0		25APR14	3	RAP 3									
	<b>Petroleum</b>																
	<b>Bldg 1065 Area CAP</b>																
	<b>Remediation</b>																
R400060	Remediation/Construction	1065	110	0	01APR08A	16JUN08A	2	CAP									
R400070	Construction Completion Report	1065	210	0	02JUN08A	10MAR09A	2	CAP									
	<b>Post-Remediation</b>																
R400080	GW Monitoring	1065	781	0	13JUN08A	15SEP11A	3	CAP									
R400082	Draft Closure Request	1065	22	0	13MAY10A	22JUN10A	3	CAP									
R400088	Land Use Control	1065	22	0	13MAY10A	22JUN10A	3	CAP									
R400090	RWQCB Review	1065	45	0	23JUN10A	02SEP10A	3	CAP									
R400091	Trust Response to Comments	1065	140	0	03SEP10A	05APR11A	3	CAP									
R400092	Submit Final Closure Request	1065	0	0		05APR11A	3	CAP									
R400093	RWQCB Closure Approval	1065	0	0		29MAR12A	3	CAP									
R400094	Well Abandonment	1065	34	0	15OCT12A	29NOV12A	3	CAP									
	<b>Bldg 1349 Area CAP</b>																
	<b>Remediation</b>																
R420060	Remediation/Construction	1349	109	0	01APR08A	29SEP08A	2	CAP									
R420070	Construction Completion Report	1349	65	0	01SEP08A	22MAR11A	2	CAP									
	<b>Post-Remediation</b>																
R420080	GW Monitoring	1349	1,304	0	02JUN08A	12JUN12A	3	CAP									
R420082	Closure Request	1349	23	0	01OCT12A	30OCT12A	3	CAP									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R420088	Land Use Control	1349	21	0	10OCT12A	30OCT12A	3	CAP									Land Use Control
R420090	RWQCB Closure Approval	1349	0	0		11FEB13A	3	CAP									RWQCB Closure Approval
R420092	Well Abandonment	1349	45	0	01NOV12A	30AUG13A	3	CAP									Well Abandonment
<b>Bldg 1451 Area Mini-CAP</b>																	
<b>Post-Remediation</b>																	
R380020	Site Closure Request	1451MC	57	0	15JUL08A	22JUL08A	3	CAP									Site Closure Request
R380030	RWQCB Closure	1451MC	0	0		02SEP08A	3	CAP									RWQCB Closure
<b>Bldg 207/231 Area CAP</b>																	
<b>Planning</b>																	
R440050	Plans, Specs	207-231	210	0	01APR08A	29OCT08A	1	CAP									Plans, Specs
<b>Remediation</b>																	
R440060	Remediation/Construction - 1	207-231	132	0	02JUN08A	30SEP09A	2	CAP									Remediation/Construction - 1
R440062	Remediation/Construction - 2	207-231	153	0	26APR10A	01JUN10A	2	CAP									Remediation/Construction - 2
R440064	Remediation/Construction - 3	207-231	151	0	01APR11A	16FEB12A	2	CAP									Remediation/Construction - 3
R440066	Remediation/Construction - 4	207-231	109	0	09JUL12A	15OCT12A	2	CAP									Remediation/Construction - 4
R440070	Construction Completion Report	207-231	65	0	01NOV12A	15AUG13A	2	CAP									Construction Completion Report
<b>Post-Remediation</b>																	
R440080	GW Monitoring	207-231	783	0	02DEC11A	31DEC13A	3	CAP									GW Monitoring
R440082	Closure Request	207-231	22	23	01JAN14A	15MAY14	3	CAP									Closure Request
R440088	Land Use Control	207-231	22	0	01JAN14A	24FEB14A	3	CAP									Land Use Control
R440089	RWQCB Review	207-231	65	0	03MAR14A	05MAR14A	3	CAP									RWQCB Review
R440090	RWQCB Closure Approval	207-231	0	0		01MAY14*	3	CAP									RWQCB Closure Approval
R440092	Well Abandonment	207-231	44	44	01MAY14	01JUL14	3	CAP									Well Abandonment
<b>Commissary PX Area CAP</b>																	
<b>Remediation</b>																	
R460060	Remediation/Construction	605-610	44	0	01APR08A	30MAY08A	2	CAP									Remediation/Construction
R460070	Const Comp Report & Closure Request	605-610	108	0	01MAY08A	24NOV08A	2	CAP									Const Comp Report & Closure Request
<b>Post-Remediation</b>																	
R460090	RWQCB Closure Approval	605-610	0	0		13JUL09A	3	CAP									RWQCB Closure Approval
R460092	Well Abandonment	605-610	66	0	14JUL09A	30JUL09A	3	CAP									Well Abandonment
<b>Fuel Distribution System</b>																	
<b>Planning</b>																	
R390020	Phase II Field Investigation	FDSAREAB	65	0	01AUG08A	30SEP08A	1	PET									Phase II Field Investigation
R390021	Draft Phase IIB Report & Closure Request	FDSAREAB	20	0	03NOV08A	16FEB09A	1	PET									Draft Phase IIB Report & Closure Request
R390022	RWQCB Comment Phase IIB Request	FDSAREAB	0	0		27JUL10A	1	PET									RWQCB Comment Phase IIB Request
R390023	Final Phase IIB Report & Closure Request	FDSAREAB	70	0	20JUL10A	07MAR11A	1	PET									Final Phase IIB Report & Closure Request
R390031	Phase IIA Report & Closure Request	FDSAREAB	40	0	03NOV08A	13MAR09A	1	PET									Phase IIA Report & Closure Request
R390032	Final Phase IIA Report & Closure Request	FDSAREAB	70	0	28JUL10A	16MAR11A	1	PET									Final Phase IIA Report & Closure Request
R390033	Phase III Field Investigation	FDSAREAB	64	0	01JAN09A	29JUN09A	1	PET									Phase III Field Investigation
R390034	Phase III Report & Closure Request	FDSAREAB	24	0	01JUL09A	07OCT09A	1	PET									Phase III Report & Closure Request
R390035	Final Phase III Report & Closure Request	FDSAREAB	70	0	28JUL10A	08MAR11A	1	PET									Final Phase III Report & Closure Request
<b>Post-Remediation</b>																	
R390040	RWQCB Closure Phase I	FDSAREAB	0	0		16SEP09A	3	PET									RWQCB Closure Phase I



Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R150039	RWQCB P4 Closure - UST (6 Tanks)	TRAREAB	0	0		12MAY09A	3	PET									
R150041	RWQCB P4 Closure - UST (7 Tanks)	TRAREAB	0	0		12MAY09A	3	PET									
R150042	Priority 6 Tank Closure Request #1	TRAREAB	175	0	01APR08A	28APR09A	3	PET									
R150043	RWQCB P6 Closure #1	TRAREAB	0	0		09NOV10A	3	PET									
R150045	RWQCB Review (1260 & 1750.2)	TRAREAB	360	0	29APR09A	01NOV10A	3	PET									
R150046	Priority 6 Closure #1B (1260 & 1750.2)	TRAREAB	40	0	02NOV10A	10JAN11A	3	PET									
R150050	RWQCB P6 Closure #1B (1260, 1750.2)	TRAREAB	0	0		20JUN12A	3	PET									
R150051	Priority 6 Tank Closure Request #2	TRAREAB	33	0	01APR09A	09JUN09A	3	PET									
R150052	RWQCB P6 Closure #2	TRAREAB	0	0		30JUL10A	3	PET									
R150053	Priority 6 Tank Closure Request #3	TRAREAB	53	0	01APR09A	20JUL09A	3	PET									
R150054	RWQCB P6 Closure #3	TRAREAB	0	0		09JUN10A	3	PET									
R150055	Priority 6 Tank Closure Request #4	TRAREAB	63	0	30JUN09A	07AUG09A	3	PET									
R150056	RWQCB P6 Closure #4	TRAREAB	0	0		20DEC10A	3	PET									
R150060	Priority 7 Tank Closure Request - Infantry T.	TRAREAB	67	0	30JUN09A	07OCT09A	3	PET									
R150062	RWCQB Review - Infantry T.	TRAREAB	220	0	08OCT09A	31AUG10A	3	PET									
R150064	Final P7 Tank Closure Request - Infantry T.	TRAREAB	25	0	01SEP10A	15OCT10A	3	PET									
R150070	RWQCB Closure - Infantry T.	TRAREAB	0	0		01MAR11A	3	PET									
R150072	Priority 7 Tank Closure Request - 1213.1	TRAREAB	65	0	31DEC09A	01SEP10A	3	PET									
R150074	RWQCB Review 1213.1	TRAREAB	145	0	02SEP10A	22MAR11A	3	PET									
R150075	Priority 7 Revised Tank Closure Request 1213.1	TRAREAB	30	0	23MAR11A	09MAY11A	3	PET									
R150078	RWQCB Closure - 1213.1	TRAREAB	0	0		26SEP12A	3	PET									
R150080	Priority 8 Tank Closure Request - Group 1	TRAREAB	88	0	30OCT09A	13SEP10A	3	PET									
R150090	RWQCB P8 Closure #1	TRAREAB	0	0		28JAN13A	3	PET									
R150092	Priority 8 Tank Closure Request - Gp 2, Area B	TRAREAB	88	0	30OCT09A	04JAN11A	3	PET									
R150093	Priority 8 Tank Closure Req - Substantiated Tnks	TRAREAB	200	0	30OCT09A	06JAN11A	3	PET									
R150094	RWQCB P8 Closure #2, Area B	TRAREAB	0	0		08APR13A	3	PET									
R150095	RWQCB P8 Closure #2 - Substantiated Tanks	TRAREAB	0	0		06SEP12A	3	PET									

## 2009 Construction Season

### CERCLA

#### Graded Area 9

##### Planning

R540040	Remedial Construction Work Plan	GA9	174	0	03NOV08A	15MAY09A	1	RAP 3
R540050	Plans, Specs, Contractor Selection	GA9	85	0	01AUG08A	15MAY09A	1	RAP 3

##### Remediation

R540060	Remediation/Construction	GA9	110	0	08JUN09A	30SEP10A	2	RAP 3
R540070	Const Comp Report	GA9	65	0	01NOV10A	08DEC11A	2	RAP 3
R540072	Prepare O&M Plan	GA9	110	0	01NOV11A	28JUN12A	2	RAP 3
R540074	Prepare LUC	GA9	176	0	01APR11A	08DEC11A	2	RAP 3

##### Post-Remediation

R540090	Submit Draft Report & LUC	GA9	0	0		08DEC11A	3	RAP 3
R540091	DTSC Review of Draft Report	GA9	42	0	09DEC11A	08MAY12A	3	RAP 3
R540092	Trust Response to Comments	GA9	21	0	09MAY12A	22JUN12A	3	RAP 3
R540093	Submit Final Report & O&M Plan	GA9	0	0		22JUN12A	3	RAP 3

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R540094	DTSC Review of Final Report & O&M Plan	GA9	24	0	22JUN12A	28NOV12A	3	RAP 3									
R540096	Certification Request	GA9	20	0	03DEC12A	02JAN13A	3	RAP 3									
R540099	DTSC Certification	GA9	0	0		25APR14*	3	RAP 3									
<b>Landfill 10</b>									DTSC Review of Final Report & O&M Plan								
<b>Planning</b>									Certification Request								
R590030	RAP	LF10	131	0	01APR08A	17NOV08A	1	RAP 4									
R590035	RAP Approval	LF10	0	0		27FEB09A	1	RAP 4									
R590040	Remedial Construction Work Plan	LF10	65	0	03NOV08A	15MAY09A	1	RAP 4									
R590050	Plans, Specs, Contractor Selection	LF10	85	0	01AUG08A	15MAY09A	1	RAP 4									
<b>Remediation</b>									RAP								
R590060	Remediation/Construction	LF10	110	0	08JUN09A	30SEP10A	2	RAP 4									
R590070	Construction Completion Report	LF10	44	0	01NOV10A	08DEC11A	2	RAP 4									
R590072	Prepare O&M Plan	LF10	22	0	01NOV11A	08DEC11A	2	RAP 4									
R590074	Prepare LUC Addendum	LF10	160	0	01APR11A	08DEC11A	2	RAP 4									
<b>Post-Remediation</b>									Remediation/Construction								
R590093	Submit Draft Report, O&M Plan, LUC	LF10	0	0		08DEC11A	3	RAP 4									
R590094	DTSC Review of Draft Report, O&M Plan	LF10	42	0	09DEC11A	08MAY12A	3	RAP 4									
R590095	Trust Response to Comments	LF10	21	0	09MAY12A	22JUN12A	3	RAP 4									
R590096	Submit Final Report, O&M Plan	LF10	0	0		22JUN12A	3	RAP 4									
R590098	DTSC Review of Final Report & Approval	LF10	24	0	29JUN12A	28NOV12A	3	RAP 4									
R590100	Groundwater Monitoring	LF10	524	0	01OCT10A	01MAY12A	3	RAP 4									
R590101	Certification Request	LF10	35	0	03DEC12A	02JAN13A	3	RAP 4									
R590102	DTSC Certification	LF10	0	0		25APR14A	3	RAP 4									
R590103	GW Analysis & Request Well Abandonment	LF10	62	0	04FEB13A	09OCT13A	3	RAP 4									
R590104	DTSC Comment	LF10	0	0		14APR14A	3	RAP 4									
<b>Landfill 8</b>									DTSC Review of Final Report & Approval								
<b>Planning</b>									Groundwater Monitoring								
R580030	RAP	LF8	131	0	01APR08A	17NOV08A	1	RAP 4									
R580035	RAP Approval	LF8	0	0		27FEB09A	1	RAP 4									
R580040	Remedial Construction Work Plan	LF8	65	0	03NOV08A	15MAY09A	1	RAP 4									
R580050	Plans, Specs, Contractor Selection	LF8	85	0	01AUG08A	15MAY09A	1	RAP 4									
<b>Remediation</b>									Remediation/Construction								
R580060	Remediation/Construction	LF8	110	0	08JUN09A	30JUN10A	2	RAP 4									
R580070	Construction Completion Report	LF8	43	0	01NOV10A	08DEC11A	2	RAP 4									
R580072	Prepare O&M Plan	LF8	22	0	01NOV11A	28JUN12A	2	RAP 4									
R580074	Prepare LUC	LF8	160	0	01APR11A	08DEC11A	2	RAP 4									
<b>Post-Remediation</b>									Prepare LUC								
R580093	Submit Draft Report & LUC	LF8	0	0		08DEC11A	3	RAP 4									
R580094	DTSC Review of Draft Report	LF8	42	0	09DEC11A	08MAY12A	3	RAP 4									
R580095	Trust Response to Comments	LF8	21	0	09MAY12A	22JUN12A	3	RAP 4									
R580096	Submit Final Report & O&M Plan	LF8	0	0		22JUN12A	3	RAP 4									
R580098	DTSC Review of Final Report & Approval	LF8	24	0	29JUN12A	06DEC13A	3	RAP 4									
R580100	Groundwater Monitoring	LF8	524	0	01OCT10A	01MAY12A	3	RAP 4									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R580101	Certification Request	LF8	35	0	03DEC12A	20DEC12A	3	RAP 4									Certification Request
R580102	DTSC Certification	LF8	0	0		25APR14*	3	RAP 4									DTSC Certification
R580103	GW Analysis & Request Well Abandonment	LF8	22	0	04FEB13A	09OCT13A	3	RAP 4									GW Analysis & Request Well Abandonment
R580104	DTSC Comment	LF8	0	0		14APR14A	3	RAP 4									DTSC Comment
<b>PHSH Fill</b>																	
<b>Planning</b>																	
R610030	RAP	PHSH-SFS	131	0	01APR08A	17NOV08A	1	RAP 4									RAP
R610035	RAP Approval - NFA	PHSH-SFS	0	0		27FEB09A	1	RAP 4									RAP Approval - NFA
<b>Remediation</b>																	
R610060	LUC Preparation & Submit LUC	PHSH-SFS	22	0	01APR11A	08DEC11A	2	RAP 4									LUC Preparation & Submit LUC
<b>Post-Remediation</b>																	
R610070	Certification Request	PHSH-SFS	22	0	01JAN13A	24JAN13A	3	RAP 4									Certification Request
R610090	DTSC Certification	PHSH-SFS	0	0		25APR14*	3	RAP 4									DTSC Certification
<b>2010 Construction Season</b>																	
<b>CERCLA</b>																	
<b>El Polin Springs</b>																	
<b>Planning</b>																	
R660029	Preliminary Draft Rap	EPS	120	0	01JUN09A	22JAN10A	1	RAP 5A									Preliminary Draft Rap
R660030	DTSC Review	EPS	24	0	22JAN10A	11MAR10A	1	RAP 5A									DTSC Review
R660031	Draft RAP	EPS	21	0	22MAR10A	23APR10A	1	RAP 5A									Draft RAP
R660032	Final RAP	EPS	5	0	23APR10A	24JUN10A	1	RAP 5A									Final RAP
R660035	RAP Approval	EPS	0	0		24JUN10A	1	RAP 5A									RAP Approval
<b>Post-Remediation</b>																	
R660090	DTSC Certification	EPS	0	0		10MAY12A	3	RAP 5A									DTSC Certification
<b>Fill Site 1</b>																	
<b>Planning</b>																	
R680020	Investigation	FS1	88	0	01JUL08A	29MAY09A	1	RAP 5A									Investigation
R680021	Preliminary Draft RAP	FS1	20	0	01JUN09A	22JAN10A	1	RAP 5A									Preliminary Draft RAP
R680022	DTSC Review	FS1	24	0	22JAN10A	11MAR10A	1	RAP 5A									DTSC Review
R680023	Draft RAP	FS1	21	0	22MAR10A	23APR10A	1	RAP 5A									Draft RAP
R680030	Final RAP	FS1	5	0	23APR10A	24JUN10A	1	RAP 5A									Final RAP
R680035	RAP Approval	FS1	0	0		24JUN10A	1	RAP 5A									RAP Approval
R680040	Remedial Construction Work Plan	FS1	85	0	01JAN10A	01JUN10A	1	RAP 5A									Remedial Construction Work Plan
R680050	Plans, Specs, Contractor Selection	FS1	85	0	01JAN10A	14JUN10A	1	RAP 5A									Plans, Specs, Contractor Selection
<b>Remediation</b>																	
R680060	Remediation/Construction - 1	FS1	78	0	24JUN10A	19NOV10A	2	RAP 5A									Remediation/Construction - 1
R680062	Remediation Construction - 2	FS1	110	0	02MAY11A	15NOV11A	2	RAP 5A									Remediation Construction - 2
R680070	Const Comp Report & Certification Request	FS1	131	0	03OCT11A	26JAN12A	2	RAP 5A									Const Comp Report & Certification Request
<b>Post-Remediation</b>																	
R680090	Submit Draft Report	FS1	0	0		26JAN12A	3	RAP 5A									Submit Draft Report
R680091	DTSC Review of Draft Report	FS1	22	0	27JAN12A	24FEB12A	3	RAP 5A									DTSC Review of Draft Report
R680092	Trust Response to Comments	FS1	22	0	24FEB12A	29MAR12A	3	RAP 5A									Trust Response to Comments

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R680093	Submit Final Report	FS1	0	0		29MAR12A	3	RAP 5A						◆ Submit Final Report			
R680094	DTSC Review of Final Report	FS1	22	0	02APR12A	10MAY12A	3	RAP 5A						■ DTSC Review of Final Report			
R680095	DTSC Certification	FS1	0	0		10MAY12A	3	RAP 5A						◆ DTSC Certification			
R680096	Prepare GW Analysis	FS1	1	0	03JUL12A	27AUG12A	3	RAP 5A						■ Prepare GW Analysis			
R680097	Submit GW Analysis	FS1	0	0		27AUG12A	3	RAP 5A						◆ Submit GW Analysis			
R680098	DTSC Review GW Analysis	FS1	44	0	28AUG12A	28JAN13A	3	RAP 5A						■ DTSC Review GW Analysis			
R680099	Submit Revised GW Analysis	FS1	0	0		26JUN13A	3	RAP 5A						◆ Submit Revised GW Analysis			
R680100	DTSC Approval of GW Analysis	FS1	0	0		09AUG13A	3	RAP 5A						DTSC Approval of GW Analysis ◆			
R680101	Well Abandonment	FS1	21	0	09AUG13A	30AUG13A	3	RAP 5A						■ Well Abandonment			
<b>Landfill 2</b>																	
<b>Planning</b>																	
R720020	Investigation	LF2	88	0	01JUL08A	29MAY09A	1	RAP 5A						■ Investigation			
R720021	Preliminary Draft RAP	LF2	20	0	01JUN09A	22JAN10A	1	RAP 5A						■ Preliminary Draft RAP			
R720022	DTSC Review	LF2	24	0	22JAN10A	11MAR10A	1	RAP 5A						■ DTSC Review			
R720023	Draft RAP	LF2	21	0	22MAR10A	23APR10A	1	RAP 5A						■ Draft RAP			
R720030	Final RAP	LF2	14	0	23APR10A	24JUN10A	1	RAP 5A						■ Final RAP			
R720035	RAP Approval	LF2	0	0		24JUN10A	1	RAP 5A						◆ RAP Approval			
R720040	Remedial Construction Work Plan	LF2	85	0	01JAN10A	01JUN10A	1	RAP 5A						■ Remedial Construction Work Plan			
R720050	Plans, Specs, Contractor Selection	LF2	85	0	01JAN10A	14JUN10A	1	RAP 5A						■ Plans, Specs, Contractor Selection			
<b>Remediation</b>																	
R720060	Remediation/Construction - 1	LF2	78	0	24JUN10A	19NOV10A	2	RAP 5A						■ Remediation/Construction - 1			
R720062	Remediation/Construction - 2	LF2	110	0	02MAY11A	15NOV11A	2	RAP 5A						■ Remediation/Construction - 2			
R720070	Const Comp Report & Certification Request	LF2	131	0	03OCT11A	26JAN12A	2	RAP 5A						■ Const Comp Report & Certification Request			
<b>Post-Remediation</b>																	
R720090	Submit Draft Report	LF2	0	0		26JAN12A	3	RAP 5A						◆ Submit Draft Report			
R720091	DTSC Review of Draft Report	LF2	22	0	27JAN12A	24FEB12A	3	RAP 5A						■ DTSC Review of Draft Report			
R720092	Trust Response to Comments	LF2	22	0	24FEB12A	29MAR12A	3	RAP 5A						■ Trust Response to Comments			
R720093	Submit Final Report	LF2	0	0		29MAR12A	3	RAP 5A						◆ Submit Final Report			
R720094	DTSC Review of Final Report	LF2	22	0	02APR12A	10MAY12A	3	RAP 5A						■ DTSC Review of Final Report			
R720095	DTSC Certification	LF2	0	0		10MAY12A	3	RAP 5A						◆ DTSC Certification			
R720096	Prepare GW Analysis	LF2	1	0	03JUL12A	27AUG12A	3	RAP 5A						■ Prepare GW Analysis			
R720097	Submit GW Analysis	LF2	0	0		27AUG12A	3	RAP 5A						◆ Submit GW Analysis			
R720098	DTSC Review GW Analysis	LF2	44	0	28AUG12A	28JAN13A	3	RAP 5A						■ DTSC Review GW Analysis			
R720099	Submit Revised GW Analysis	LF2	0	0		26JUN13A	3	RAP 5A						◆ Submit Revised GW Analysis			
R720100	DTSC Approval of GW Analysis	LF2	0	0		09AUG13A	3	RAP 5A						DTSC Approval of GW Analysis ◆			
R720101	Well Abandonment	LF2	21	0	09AUG13A	30AUG13A	3	RAP 5A						■ Well Abandonment			
<b>2011 Construction Season</b>																	
<b>CERCLA</b>																	
<b>Bldg 937 Area</b>																	
<b>Remediation</b>																	
R380060	Remediation/Construction Phase 1	937AREA	197	0	01APR08A	12SEP08A	2	CF						■ Remediation/Construction Phase 1			
R380065	Remediation Construction Phase 2	937AREA	29	0	24OCT11A	15DEC11A	2	CF						■ Remediation Construction Phase 2			

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R380070	Construction Completion Report	937AREA	23	0	02JAN12A	26JAN12A	2	CF									
<b>Post-Remediation</b>																	
R380072	Air Monitoring - 1	937AREA	22	0	31JAN12A	22FEB12A	3	CF									
R380073	Air Monitoring - 2	937AREA	10	0	16JUL12A	27JUL12A	3	CF									
R380074	Submit Draft CCR Report	937AREA	0	0		26JAN12A	3	CF									
R380075	Air Monitoring Analysis	937AREA	50	0	01AUG12A	19NOV12A	3	CF									
R380076	Submit Air Monitoring Analysis	937AREA	0	0		19NOV12A	3	CF									
R380084	DTSC Review of Draft Report	937AREA	20	0	27JAN12A	16JAN13A	3	CF									
R380085	Trust Response to Comments	937AREA	22	0	17JAN13A	25FEB13A	3	CF									
R380086	Submit Final Report & Certification Request	937AREA	0	0		25FEB13A	3	CF									
R380087	DTSC Review of Final Report	937AREA	22	0	26FEB13A	17MAR14A	3	CF									
R380090	DTSC Certification	937AREA	0	0		17MAR14A	3	CF									
<b>Landfill E</b>																	
<b>Planning</b>																	
R780020	Investigation	LFE	130	0	01OCT09A	30SEP10A	1	RAP 6A									
R780021	Complete Data Report	LFE	22	0	01JUN10A	13OCT10A	1	RAP 6A									
R780022	Submit Data Report	LFE	0	0		13OCT10A	1	RAP 6A									
R780023	DTSC Review	LFE	26	0	13OCT10A	22MAR11A	1	RAP 6A									
R780024	Preliminary Draft RAP/FS	LFE	22	0	30SEP10A	01DEC10A	1	RAP 6A									
R780025	DTSC Review	LFE	15	0	01DEC10A	02FEB11A	1	RAP 6A									
R780026	Draft RAP/FS	LFE	17	0	22MAR11A	22APR11A	1	RAP 6A									
R780030	Final RAP/FS	LFE	16	0	25APR11A	15JUN11A	1	RAP 6A									
R780035	RAP Approval	LFE	0	0		15JUN11A	1	RAP 6A									
R780040	Remedial Construction Work Plan	LFE	44	0	01MAR11A	09JUN11A	1	RAP 6A									
R780050	Plans, Specs, Contractor Selection	LFE	44	0	01MAR11A	09JUN11A	1	RAP 6A									
R780051	DTSC Approval Of Work Plan	LFE	0	0		21JUN11A	1	RAP 6A									
<b>Remediation</b>																	
R780060	Remediation/Construction	LFE	64	0	05JUL11A	15NOV11A	2	RAP 6A									
R780070	Construction Completion Report	LFE	98	0	16NOV11A	01MAR12A	2	RAP 6A									
<b>Post-Remediation</b>																	
R780090	Submit Draft Report	LFE	0	0		01MAR12A	3	RAP 6A									
R780091	DTSC Review of Draft Report	LFE	43	0	02MAR12A	11APR12A	3	RAP 6A									
R780092	Trust Response to Comments	LFE	22	0	12APR12A	25JUN12A	3	RAP 6A									
R780093	Submit Final Report & Certification Request	LFE	0	0		25JUN12A	3	RAP 6A									
R780094	DTSC Review of Final Report	LFE	26	0	25JUN12A	05DEC12A	3	RAP 6A									
R780097	DTSC Certification	LFE	0	0		05DEC12A	3	RAP 6A									
R780098	GW Monitoring	LFE	805	340	02APR12A	03AUG15	3	RAP 6A									
R780099	Well Abandonment	LFE	23	23	04AUG15	03SEP15	3	RAP 6A									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>2012 Construction Season</b>																	
<b>CERCLA</b>																	
<b>Small Arms Firing Ranges (CHP)</b>																	
<b>Planning</b>																	
R600030	RAP	SAFRANGE	131	0	01APR08A	17NOV08A	1	RAP 4									
R600035	RAP Approval	SAFRANGE	0	0		27FEB09A	1	RAP 4									
R600040	Remedial Construction Work Plan - Phase 1	SAFRANGE	180	0	03NOV08A	31JUL09A	1	RAP 4									
R600041	Remedial Construction Work Plan - Phase 2	SAFRANGE	93	0	03MAY10A	26MAY11A	1	RAP 4									
R600050	Plans, Specs, Contractor Selection - Phase 1	SAFRANGE	240	0	01AUG08A	31JUL09A	1	RAP 4									
R600051	Plans, Specs, Contractor Selection - Phase 2	SAFRANGE	149	0	06MAY10A	29JUL11A	1	RAP 4									
R600052	Preconstruction Confirmation Sampling	SAFRANGE	100	0	30SEP11A	01MAR12A	1	RAP 4									
<b>Remediation</b>																	
R600060	Remediation/Construction - Tree Removal	SAFRANGE	11	0	19DEC11A	23DEC11A	2	RAP 4									
R600062	Remediation/Construction - Soil Removal	SAFRANGE	21	0	19MAR12A	30APR12A	2	RAP 4									
R600064	Remediation/Construction - Planting	SAFRANGE	11	0	16APR12A	30APR12A	2	RAP 4									
R600070	Const Comp Report & Certification Request	SAFRANGE	22	0	01MAY12A	22JUN12A	2	RAP 4									
<b>Post-Remediation</b>																	
R600090	Submit Draft Report	SAFRANGE	0	0		22JUN12A	3	RAP 4									
R600091	DTSC Review of Draft Report	SAFRANGE	23	0	22JUN12A	10JUL12A	3	RAP 4									
R600092	Trust Response to Comments	SAFRANGE	24	0	11JUL12A	15AUG12A	3	RAP 4									
R600093	Submit Final Report	SAFRANGE	0	0		15AUG12A	3	RAP 4									
R600094	DTSC Review of Final Report	SAFRANGE	21	0	16AUG12A	16NOV12A	3	RAP 4									
R600099	DTSC Certification	SAFRANGE	0	0		16NOV12A	3	RAP 4									
<b>2013 Construction Season</b>																	
<b>CERCLA</b>																	
<b>Baker Beach 1A</b>																	
<b>Planning</b>																	
R860020	Investigation	BB1A	88	0	01JUL08A	30APR10A	1	RAP 5B									
R860022	Revised RI	BB1A	107	0	03MAY10A	22AUG11A	1	RAP 5B									
R860023	DTSC Review	BB1A	23	0	23AUG11A	03MAY12A	1	RAP 5B									
R860024	Preliminary Draft FS/RAP	BB1A	22	0	05SEP11A	26JAN12A	1	RAP 5B									
R860025	DTSC Review	BB1A	24	0	26JAN12A	03AUG12A	1	RAP 5B									
R860026	Draft FS/RAP	BB1A	12	0	03AUG12A	17SEP12A	1	RAP 5B									
R860027	DTSC Review of Draft FS/RAP	BB1A	21	0	17SEP12A	27NOV12A	1	RAP 5B									
R860028	Draft FS/RAP	BB1A	40	0	05DEC12A	05FEB13A	1	RAP 5B									
R860030	Final FS/RAP	BB1A	8	0	06FEB13A	11APR13A	1	RAP 5B									
R860035	FS/RAP Approval	BB1A	0	0		11APR13A	1	RAP 5B									
R860040	Remedial Construction Work Plan	BB1A	45	0	03DEC12A	08MAY13A	1	RAP 5B									
R860050	Plans, Specs, Contractor Selection	BB1A	45	0	03DEC12A	08MAY13A	1	RAP 5B									
R860052	DTSC Work Plan Approval	BB1A	0	0		10MAY13A	1	RAP 5B									
<b>Remediation</b>																	
R860060	Remediation/Construction	BB1A	132	0	17JUN13A	01NOV13A	2	RAP 5B									

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R860070	Const Comp Report & Certification Request	BB1A	22	0	04NOV13A	06JAN14A	2	RAP 5B									
<b>Post-Remediation</b>																	
R860090	Submit Draft Report	BB1A	0	0		06JAN14A	3	RAP 5B									Submit Draft Report
R860091	DTSC Review of Draft Report	BB1A	33	0	07JAN14A	26FEB14A	3	RAP 5B									DTSC Review of Draft Report
R860092	Trust Response to Comments	BB1A	23	0	27FEB14A	03MAR14A	3	RAP 5B									Trust Response to Comments
R860093	Submit Final Report	BB1A	0	0		10MAR14A	3	RAP 5B									Submit Final Report
R860094	DTSC Review of Final Report	BB1A	20	0	11MAR14A	28MAR14A	3	RAP 5B									DTSC Review of Final Report
R860099	DTSC Certification	BB1A	0	0		28MAR14A	3	RAP 5B									DTSC Certification
<b>Baker Beach 2</b>																	
<b>Planning</b>																	
R760015	Data Review & Assessment	BB2	500	0	29SEP08A	16MAY11A	1	RAP 5C									Data Review & Assessment
R760016	Supplemental RI Work Plan	BB2	44	0	17MAY11A	15JUL11A	1	RAP 5C									Supplemental RI Work Plan
R760017	DTSC Review	BB2	11	0	18JUL11A	01AUG11A	1	RAP 5C									DTSC Review
R760020	Investigation	BB2	44	0	22AUG11A	31AUG11A	1	RAP 5C									Investigation
R760021	Prepare Revised RI	BB2	129	0	30SEP11A	12MAR12A	1	RAP 5C									Prepare Revised RI
R760022	Submit Revised RI	BB2	0	0		12MAR12A	1	RAP 5C									Submit Revised RI
R760023	DTSC Review & Approval	BB2	44	0	13MAR12A	29JUN12A	1	RAP 5C									DTSC Review & Approval
R760024	Preliminary Draft FS/RAP	BB2	23	0	02MAY12A	17SEP12A	1	RAP 5C									Preliminary Draft FS/RAP
R760025	DTSC Review	BB2	21	0	17SEP12A	27NOV12A	1	RAP 5C									DTSC Review
R760026	Draft FS/RAP	BB2	40	0	05DEC12A	05FEB13A	1	RAP 5C									Draft FS/RAP
R760030	Final FS/RAP	BB2	8	0	06FEB13A	11APR13A	1	RAP 5C									Final FS/RAP
R760035	FS/RAP Approval	BB2	0	0		11APR13A	1	RAP 5C									FS/RAP Approval
R760040	Remedial Construction Work Plan	BB2	45	0	03DEC12A	04JUN13A	1	RAP 5C									Remedial Construction Work Plan
R760050	Plans, Specs, Contractor Selection	BB2	55	0	03DEC12A	04JUN13A	1	RAP 5C									Plans, Specs, Contractor Selection
R760051	DTSC Work Plan Approval	BB2	0	0		19JUN13A	1	RAP 5C									DTSC Work Plan Approval
<b>Remediation</b>																	
R760060	Remediation/Construction	BB2	89	0	08JUL13A	31OCT13A	2	RAP 5C									Remediation/Construction
R760070	Const Comp Report & Certification Request	BB2	22	0	01NOV13A	09JAN14A	2	RAP 5C									Const Comp Report & Certification Request
<b>Post-Remediation</b>																	
R760090	Submit Draft Report	BB2	0	0		09JAN14A	3	RAP 5C									Submit Draft Report
R760091	DTSC Review of Draft Report	BB2	32	0	10JAN14A	22JAN14A	3	RAP 5C									DTSC Review of Draft Report
R760092	Trust Response to Comments	BB2	23	0	23JAN14A	03FEB14A	3	RAP 5C									Trust Response to Comments
R760093	Submit Final Report	BB2	0	0		03FEB14A	3	RAP 5C									Submit Final Report
R760094	DTSC Review of Final Report	BB2	20	0	04FEB14A	13FEB14A	3	RAP 5C									DTSC Review of Final Report
R760099	DTSC Certification	BB2	0	0		13FEB14A	3	RAP 5C									DTSC Certification
<b>Battery Howe Wagner</b>																	
<b>Planning</b>																	
R880019	Data Review & Assessment	BHW	110	0	01OCT10A	31AUG11A	1	RAP 6B									Data Review & Assessment
R880021	Complete Revised RI Report	BHW	74	0	01SEP11A	26JAN12A	1	RAP 6B									Complete Revised RI Report
R880022	Submit Revised RI	BHW	0	0		26JAN12A	1	RAP 6B									Submit Revised RI
R880023	DTSC Review & Approval	BHW	23	0	27JAN12A	11APR12A	1	RAP 6B									DTSC Review & Approval
R880025	Trust Response to Comments	BHW	22	0	12APR12A	30MAY12A	1	RAP 6B									Trust Response to Comments
R880027	DTSC Review	BHW	22	0	01JUN12A	25JUN12A	1	RAP 6B									DTSC Review

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R880035	DTSC Approval	BHW	0	0		13JUL12A	1	RAP 6B									◆ DTSC Approval
	<b>Post-Remediation</b>																■ Well Abandonment
R880099	Well Abandonment	BHW	35	0	15OCT12A	30NOV12A	3	RAP 6B									
<b>Basewide RAP</b>																	
<b>Planning</b>																	
R990040	DTSC Guidance - Misc Sites	BWRAP	25	0	04OCT12A	12FEB13A	1	RAP 9									■ DTSC Guidance - Misc Sites
R990041	DTSC Guidance - Acknowledgement of Satisfaction	BWRAP	0	0		06NOV13A	1	RAP 9									◆ DTSC Guidance - Acknowledgement of Satisfaction ◆
R990049	Trust Preliminary Report Prep	BWRAP	34	0	17DEC13A	19MAR14A	1	RAP 9									■ Trust Preliminary Report Prep ■
R990050	DTSC Review	BWRAP	20	4	20MAR14A	18APR14	1	RAP 9									■ DTSC Review ■
R990051	Trust Response to DTSC Comments	BWRAP	9	9	21APR14	01MAY14	1	RAP 9									■ Trust Response to DTSC Comments ■
R990061	DTSC Final Report Review & Approval	BWRAP	10	10	02MAY14	15MAY14	1	RAP 9									■ DTSC Final Report Review & Approval ■
<b>Post-Remediation</b>																	
R990090	DTSC Approval	BWRAP	0	0		30MAY14*	3	RAP 9									◆ DTSC Approval ◆
<b>Fill Site 6B</b>																	
<b>Planning</b>																	
R700015	Data Review & Assessment	FS6B	120	0	01OCT10A	15AUG11A	1	RAP 6B									■ Data Review & Assessment ■
R700021	Complete Revised RI Report	FS6B	23	0	01SEP11A	01MAR12A	1	RAP 6B									■ Complete Revised RI Report ■
R700022	Submit Revised RI Report	FS6B	0	0		01MAR12A	1	RAP 6B									◆ Submit Revised RI Report ◆
R700023	DTSC Review	FS6B	44	0	02MAR12A	22JUN12A	1	RAP 6B									■ DTSC Review ■
R700024	Trust Response to Comments	FS6B	56	0	22JUN12A	12OCT12A	1	RAP 6B									■ Trust Response to Comments ■
R700025	Investigation (As Required)	FS6B	22	0	01NOV12A	30NOV12A	1	RAP 6B									■ Investigation (As Required) ■
R700026	Preliminary Draft PEA	FS6B	35	0	03DEC12A	20SEP13A	1	RAP 6B									■ Preliminary Draft PEA ■
R700027	DTSC Review	FS6B	20	0	20SEP13A	23SEP13A	1	RAP 6B									■ DTSC Review ■
R700028	Draft PEA	FS6B	23	0	24SEP13A	16OCT13A	1	RAP 6B									■ Draft PEA ■
R700030	Final PEA	FS6B	22	0	17OCT13A	15NOV13A	1	RAP 6B									■ Final PEA ■
R700035	DTSC PEA Approval	FS6B	0	0		14NOV13A	1	RAP 6B									◆ DTSC PEA Approval ◆
<b>Post-Remediation</b>																	
R700100	Well Abandonment	FS6B	31	0	18NOV13A	27DEC13A	3	RAP 6B									■ Well Abandonment ■
<b>Lobos Creek Area</b>																	
<b>Planning</b>																	
R960020	DTSC Request Summary RI	LOBOS	0	0		04JUN12A	1	RAP 8B									◆ DTSC Request Summary RI ◆
R960030	Summary RI	LOBOS	86	0	04JUN12A	15MAR13A	1	RAP 8B									■ Summary RI ■
R960035	DTSC Review RI	LOBOS	20	0	18MAR13A	20MAY13A	1	RAP 8B									■ DTSC Review RI ■
R960040	Preliminary Decision Doc (Revised RI)	LOBOS	23	0	21MAY13A	02OCT13A	1	RAP 8B									■ Preliminary Decision Doc (Revised RI) ■
R960050	DTSC Review	LOBOS	12	0	01OCT13A	09DEC13A	1	RAP 8B									■ DTSC Review ■
R960053	DTSC Approval	LOBOS	0	0		09DEC13A	1	RAP 8B									◆ DTSC Approval ◆
<b>Mountain Lake</b>																	
<b>Planning</b>																	
R980020	Investigation - Data Review & Alt Assessment	MTNLAKE	88	0	01SEP09A	02MAR11A	1	RAP 8A									■ Investigation - Data Review & Alt Assessment ■
R980021	Submit RI	MTNLAKE	0	0		29JUL11A	1	RAP 8A									◆ Submit RI ◆
R980022	DTSC Review	MTNLAKE	22	0	01AUG11A	20SEP11A	1	RAP 8A									■ DTSC Review ■
R980023	Final RI	MTNLAKE	22	0	21SEP11A	25OCT11A	1	RAP 8A									■ Final RI ■
R980024	RI Approval	MTNLAKE	0	0		02DEC11A	1	RAP 8A									◆ RI Approval ◆

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R980026	Preliminary Draft of FS/RAP	MTNLAKE	44	0	03MAR11A	03FEB12A	1	RAP 8A						Preliminary Draft of FS/RAP			
R980027	DTSC Review	MTNLAKE	13	0	06FEB12A	09MAR12A	1	RAP 8A						DTSC Review			
R980028	Draft RAP	MTNLAKE	34	0	19MAR12A	03MAY12A	1	RAP 8A						Draft RAP			
R980029	Final RAP	MTNLAKE	9	0	04MAY12A	14MAY12A	1	RAP 8A						Final RAP			
R980035	RAP Approval	MTNLAKE	0	0		14MAY12A	1	RAP 8A						RAP Approval			
R980040	Remedial Construction Work Plan	MTNLAKE	186	0	16MAY12A	15FEB13A	1	RAP 8A						Remedial Construction Work Plan			
R980050	Plans, Specs, Contractor Selection	MTNLAKE	186	0	16MAY12A	15FEB13A	1	RAP 8A						Plans, Specs, Contractor Selection			
<b>Remediation</b>																	
R980060	Remediation/Construction	MTNLAKE	175	0	04MAR13A	07FEB14A	2	RAP 8A						Remediation/Construction			
R980070	Const Comp Report & Certification Request	MTNLAKE	66	0	01OCT13A	04MAR14A	2	RAP 8A						Const Comp Report & Certification Request			
<b>Post-Remediation</b>																	
R980090	Submit Draft Report	MTNLAKE	0	0		04MAR14A	3	RAP 8A						Submit Draft Report			
R980091	DTSC Review of Draft Report	MTNLAKE	15	0	05MAR14A	13MAR14A	3	RAP 8A						DTSC Review of Draft Report			
R980092	Trust Response to Comments	MTNLAKE	10	0	14MAR14A	24MAR14A	3	RAP 8A						Trust Response to Comments			
R980093	Submit Final Report	MTNLAKE	0	0		24MAR14A	3	RAP 8A						Submit Final Report			
R980094	DTSC Review of Final Report	MTNLAKE	5	0	24MAR14A	25MAR14A	3	RAP 8A						DTSC Review of Final Report			
R980099	DTSC Certification	MTNLAKE	0	0		25MAR14A	3	RAP 8A						DTSC Certification			
<b>Small Arms Firing Range (Barnard Ave)</b>																	
<b>Planning</b>																	
R982002	Investigation	SAFR	60	0	02AUG10A	13OCT10A	1	RAP 6C						Investigation			
R982003	Draft RI	SAFR	22	0	01SEP11A	02NOV11A	1	RAP 6C						Draft RI			
R982004	DTSC Review	SAFR	18	0	03NOV11A	30NOV11A	1	RAP 6C						DTSC Review			
R982005	Preliminary Draft RAWP	SAFR	22	0	01DEC11A	29MAR12A	1	RAP 6C						Preliminary Draft RAWP			
R982006	DTSC Review	SAFR	21	0	02APR12A	17JUL12A	1	RAP 6C						DTSC Review			
R982007	Trust Response to Comments	SAFR	50	0	18JUL12A	03JAN13A	1	RAP 6C						Trust Response to Comments			
R982008	DTSC Approval of Draft RAW	SAFR	0	0		03JAN13A	1	RAP 6C						DTSC Approval of Draft RAW			
R982010	Draft RAWP	SAFR	24	0	28JAN13A	27FEB13A	1	RAP 6C						Draft RAWP			
R982011	Final RAWP	SAFR	20	0	28FEB13A	15MAR13A	1	RAP 6C						Final RAWP			
R982012	RAWP Approval	SAFR	0	0		11APR13A	1	RAP 6C						RAWP Approval			
R982016	Plans, Specs, Contractor Selection	SAFR	23	0	02JUL12A	11JUL13A	1	RAP 6C						Plans, Specs, Contractor Selection			
<b>Remediation</b>																	
R982030	Remediation/Construction	SAFR	36	0	12AUG13A	28OCT13A	2	RAP 6C						Remediation/Construction			
R982032	Const Comp Report & Certification Request	SAFR	15	0	31OCT13A	20DEC13A	2	RAP 6C						Const Comp Report & Certification Request			
<b>Post-Remediation</b>																	
R982040	Submit Draft Report	SAFR	0	0		20DEC13A	3	RAP 6C						Submit Draft Report			
R982042	DTSC Review of Draft Report	SAFR	22	0	31DEC13A	01APR14A	3	RAP 6C						DTSC Review of Draft Report			
R982044	Trust Response to Comments	SAFR	23	4	02APR14A	18APR14	3	RAP 6C						Trust Response to Comments			
R982046	Submit Final Report	SAFR	0	0		18APR14	3	RAP 6C						Submit Final Report			
R982048	DTSC Certification	SAFR	0	0		01MAY14*	3	RAP 6C						DTSC Certification			

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<b>2013 Construction Season</b>																		
<b>CERCLA</b>																		
<b>Battery Frontal Slopes</b>																		
<b>Planning</b>																		
R900020	DTSC Guidance	BFS	25	0	04OCT12A	12FEB13A	1	RAP 9										DTSC Guidance
R900021	Summary RI/PEA	BFS	64	0	07OCT13A	15JAN14A	1	RAP 9										Summary RI/PEA
R900022	Trust Submits Summary RI/PEA	BFS	0	0		15JAN14A	1	RAP 9										Trust Submits Summary RI/PEA
R900023	DTSC Review RI/PEA & Guidance	BFS	6	0	20JAN14A	04MAR14A	1	RAP 9										DTSC Review RI/PEA & Guidance
<b>Merchant Road Fill Site</b>																		
<b>Planning</b>																		
R800020	Investigation - Data Review	MERCHANT	88	0	01JUL08A	30JUN09A	1	RAP 9										Investigation - Data Review
R800022	Investigation - Assessment	MERCHANT	67	0	01JUN10A	08OCT10A	1	RAP 9										Investigation - Assessment
R800025	Feasibility Study Phase 1	MERCHANT	76	0	08OCT10A	20DEC10A	1	RAP 9										Feasibility Study Phase 1
R800027	DTSC Guidance	MERCHANT	25	0	15NOV12A	12FEB13A	1	RAP 9										DTSC Guidance
R800028	Summary RI/PEA	MERCHANT	64	0	17JUN13A	04SEP13A	1	RAP 9										Summary RI/PEA
R800029	DTSC Review RI/PEA	MERCHANT	30	0	05SEP13A	07FEB14A	1	RAP 9										DTSC Review RI/PEA
R800030	Trust Response to Comments	MERCHANT	31	0	10FEB14A	07APR14A	1	RAP 9										Trust Response to Comments
R800031	Trust Submits Revised RI/PEA	MERCHANT	0	0		07APR14A	1	RAP 9										Trust Submits Revised RI/PEA
R800034	DTSC Approval of RI or Guidance	MERCHANT	0	0		25APR14*	1	RAP 9										DTSC Approval of RI or Guidance
<b>2014 Construction Season</b>																		
<b>CERCLA</b>																		
<b>Bluff Skeet Range</b>																		
<b>Planning</b>																		
R940010	DTSC Guidance	BLUFF	66	0	15NOV12A	12FEB13A	1	RAP 9										DTSC Guidance
R940020	Investigation/Assessment	BLUFF	5	0	12APR13A	22MAY13A	1	RAP 9										Investigation/Assessment
R940030	Submit Summary PEA/RI	BLUFF	0	0		26JUN13A	1	RAP 9										Submit Summary PEA/RI
R940031	DTSC Review PEA/RI	BLUFF	10	0	27JUN13A	01OCT13A	1	RAP 9										DTSC Review PEA/RI
R940032	Trust Response to Comments	BLUFF	10	0	02OCT13A	07MAR14A	1	RAP 9										Trust Response to Comments
R940033	Trust Submits Revised PEA/RI	BLUFF	0	0		07MAR14A	1	RAP 9										Trust Submits Revised PEA/RI
R940040	DTSC Approval of PEA/RI or Guidance	BLUFF	17	0	10MAR14A	08APR14A	1	RAP 9										DTSC Approval of PEA/RI or Guidance
<b>Lendum Court</b>																		
<b>Planning</b>																		
R950010	DTSC Guidance	LEND	66	0	15NOV12A	12FEB13A	1	RAP 9										DTSC Guidance
R950020	PEA Workplan	LEND	22	0	01APR13A	30MAY13A	1	RAP 9										PEA Workplan
R950030	Field Investigation	LEND	23	0	26JUN13A	30AUG13A	1	RAP 9										Field Investigation
R950040	Draft PEA	LEND	44	0	02SEP13A	18NOV13A	1	RAP 9										Draft PEA
R950050	Submit Draft PEA	LEND	0	0		28NOV13A	1	RAP 9										Submit Draft PEA
R950060	DTSC Review Draft of PEA	LEND	23	0	19NOV13A	09JAN14A	1	RAP 9										DTSC Review Draft of PEA

Activity ID	Activity Description	Proj Code	Orig Dur	Rem Dur	Early Start	Early Finish	Ph No.	RAP/CAP	2008	2009	2010	2011	2012	2013	2014	2015	2016
R950070	Trust Response to Comments	LEND	70	0	10JAN14A	03MAR14A	1	RAP 9									
R950080	Submit Final PEA	LEND	0	0		03MAR14A	1	RAP 9									
R950090	DTSC Approval of PEA	LEND	0	0		07MAR14A	1	RAP 9									
<b>Misc Sites</b>																	
<b>Planning</b>																	
R930020	DTSC Guidance	MSRA1	25	0	15NOV12A	12FEB13A	1	RAP 9									
R930022	Summary RI	MSRA1	45	10	13FEB13A	28APR14	1	RAP 9									
R930023	DTSC Review	MSRA1	5	5	29APR14	05MAY14	1	RAP 9									
R930024	DTSC Approval of RI & Guidance	MSRA1	0	0		05MAY14*	1	RAP 9									
<b>Old Fill</b>																	
<b>Planning</b>																	
R960010	DTSC Guidance	OFILL	132	0	13JUL12A	12FEB13A	1	RAP 9									
R960060	Summary RI	OFILL	70	0	13FEB13A	12AUG13A	1	RAP 9									
R960070	Submit Draft RI	OFILL	0	0		12AUG13A	1	RAP 9									
R960080	DTSC Review of Draft RI	OFILL	21	0	12AUG13A	27AUG13A	1	RAP 9									
R960090	Trust Response to Comments	OFILL	23	0	29AUG13A	09JAN14A	1	RAP 9									
R960100	Submit Final RI	OFILL	0	0		27JAN14A	1	RAP 9									
R960110	DTSC Review of Final RI	OFILL	15	0	28JAN14A	31JAN14A	1	RAP 9									
R960120	DTSC Approval of Final RI & Guidance	OFILL	0	0		31JAN14A	1	RAP 9									
<b>Slag Dump Site</b>																	
<b>Planning</b>																	
R920019	DTSC Guidance	SLAG	66	0	15NOV12A	12FEB13A	1	RAP 9									
R920020	Investigation/Assessment	SLAG	5	0	22MAR13A	10JUN13A	1	RAP 9									
R920021	Submit Summary PEA/RI	SLAG	0	0		27JUN13A	1	RAP 9									
R920022	DTSC Review of PEA/RI	SLAG	30	0	27JUN13A	01OCT13A	1	RAP 9									
R920023	Trust Response to Comments	SLAG	25	0	02OCT13A	07JAN14A	1	RAP 9									
R920024	Trust Submits Revised PEA/RI	SLAG	0	0		07JAN14A	1	RAP 9									
R920028	DTSC Approval of PEA/RI	SLAG	24	0	08JAN14A	03FEB14A	1	RAP 9									



## Department of Toxic Substances Control



**Matthew Rodriguez**  
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May 19, 2004

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The Presidio Trust  
103 Montgomery Street, Post Office Box 29052  
San Francisco, California 94123-0052

Dear Ms. Fanelli:

The Department of Toxic Substances Control (DTSC) has reviewed the "Basewide Report of Compliance 1999 Consent Agreement Presidio Trust (Trust), Department of the Interior, National Park Service (DOI), and California Environmental Protection Agency Department of Toxic Substances Control (DTSC) Presidio of San Francisco, California" report.

Based on our review of the available documentation, DTSC approves the Consent Agreement report. If you have any questions, please contact me by telephone at (510) 540-3798 or by email at [Randy.Reyes@dtsc.ca.gov](mailto:Randy.Reyes@dtsc.ca.gov).

Sincerely,

Randy Reyes, MPH  
Project Manager  
Brownfields and Environmental Restoration Program

cc: **Ms. Nina Larssen**  
Environmental Remediation Specialist  
[nlarssen@presidiotrust.gov](mailto:nlarssen@presidiotrust.gov)

**Mr. Brian Ullensvang**  
National Park Service  
[brian\\_ullensvang@nps.gov](mailto:brian_ullensvang@nps.gov)

May 19, 2014  
Ms. Eileen Fanelli  
Page 2

cc: Mr. Doug Kern  
Presidio RAB Co-Chair  
[dougkern@sbcglobal.net](mailto:dougkern@sbcglobal.net)

Mr. Mark Youngkin  
Presidio RAB Co-Chair  
[my@markyoungkin.com](mailto:my@markyoungkin.com)



## Department of Toxic Substances Control

Matthew Rodriguez  
Secretary for  
Environmental Protection

Deborah O. Raphael, Director  
700 Heinz Avenue  
Berkeley, California 94710-2721

Edmund G. Brown Jr.  
Governor

May 20, 2014

Ms. Eileen Fanelli  
Remediation Program Manager  
The Presidio Trust  
103 Montgomery Street  
P. O. Box 29052  
San Francisco, California 94129-0052

Dear Ms. Fanelli:

The Department of Toxic Substances Control (DTSC) acknowledges the Presidio Trust has satisfied the terms of the August 1999 Consent Agreement. The Basewide Report of Compliance, 1999 Consent Agreement presents a summary of actions and decisions undertaken pursuant to the Consent Agreement. Please find attached the Acknowledgement of Satisfaction. The Consent Agreement is hereby terminated.

DTSC wishes to thank The Presidio Trust for their efforts taken with the remediation at the Presidio of San Francisco.

Sincerely,

Denise M. Tsuji  
Unit Chief  
Brownfields and Environmental Restoration  
Program – Berkeley

Enclosure

cc: See next page

Eileen Fanelli  
May 20, 2014  
Page 2

cc: Mr. Brian Ullensvang  
National Park Service  
Building 201 Fort Mason  
San Francisco, California 94123

Mr. Doug Kern  
Presidio RAB Co-Chair  
3229A Clement Street  
San Francisco, California 94121

Mr. Mark Youngkin  
Presidio RAB Co-Chair  
3301 Clay Street, #105  
San Francisco, California 94118

## ACKNOWLEDGEMENT OF SATISFACTION AND RESERVATION OF RIGHTS

### CONSENT AGREEMENT FOR THE PRESIDIO OF SAN FRANCISCO

The Department of Toxic Substances Control (DTSC), the Presidio Trust (Trust), and the United States Department of Interior, National Park Service (DOI) (hereafter collectively referred to as "Parties") entered into a Consent Agreement (Agreement) on August 30, 1999 for the remediation of hazardous substances at the Presidio of San Francisco (Presidio). Pursuant to Section 8.22 (A)(i) of the Agreement, the provisions of the Agreement shall be deemed satisfied and the Agreement will be terminated upon execution of this Acknowledgement of Satisfaction.

1. The Trust has demonstrated to DTSC's satisfaction that the terms of the Agreement have been satisfactorily completed.
2. The Parties agree and acknowledge that termination of the Agreement does not alter the continuing obligations of records retention, operation and maintenance requirements, and payment of any DTSC costs that will be invoiced pursuant to the Agreement, but after the execution date of this Acknowledgement.
  - i. Section 8.12 Records Retention remains in effect until May 23, 2020.
  - ii. Section 5.13, Operation and Maintenance of the Agreement, is superseded by the Presidio Operation and Maintenance Agreement (O&M Agreement) executed on December 3, 2012, which remains in effect. As required by the O&M Agreement, the Trust is implementing the approved O&M Plan, dated November 5, 2012, which included the Land Use Control Master Reference Report and associated Site Specific Land Use Addendum.
  - iii. Pursuant to Sections 8.15 and 8.16 of the Agreement, the Trust is responsible to reimburse all DTSC costs incurred and DTSC will invoice the Trust quarterly for the oversight activities performed by DTSC under the terms of the Agreement. The Trust has maintained a current account status. This acknowledges that the final billing from DTSC is forthcoming.
3. The Parties agree and acknowledge that the Parties' completion of the terms of the Agreement does not limit or otherwise preclude DTSC from taking additional enforcement action pursuant to the Health and Safety Code Section 25187, or other available legal authorizes, should DTSC determine the such actions are warranted.

ACKNOWLEDGEMENT OF SATISFACTION AND RESERVATION OF RIGHTS

CONSENT AGREEMENT FOR THE PRESIDIO OF SAN FRANCISCO

Pg. 2 of 2

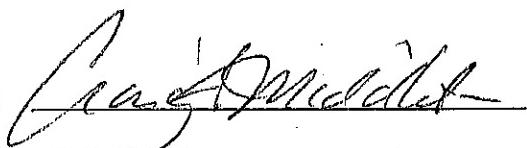
4. The Parties agree and acknowledge that Trust's and DOI's completion of the terms of the Agreement does not relieve the Trust or DOI of their obligations to comply with the Comprehensive Environmental Response, Compensation and Liability Act, Resource Conservation and Recovery Act, or any other applicable local, state, or federal laws and regulation. DTSC agrees and acknowledges that the Trust and DOI retain all existing rights under applicable law.

It is so agreed and acknowledged:

Date:

May 8, 2014

By:



Craig Middleton  
Executive Director  
Presidio Trust

Date:

May 12, 2014

By:



Frank Dean  
General Superintendent

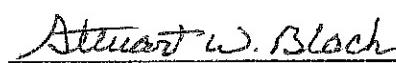
Golden Gate National Recreation Area

Department of Interior  
National Park Service

Date:

MAY 16, 2014

By:



Stewart W. Black P.G.  
Deputy Director  
Department of Toxic Substances Control  
Brownfields and Environmental Restoration Program